

Program EVALPLOT  
(Version 2018-1)

by

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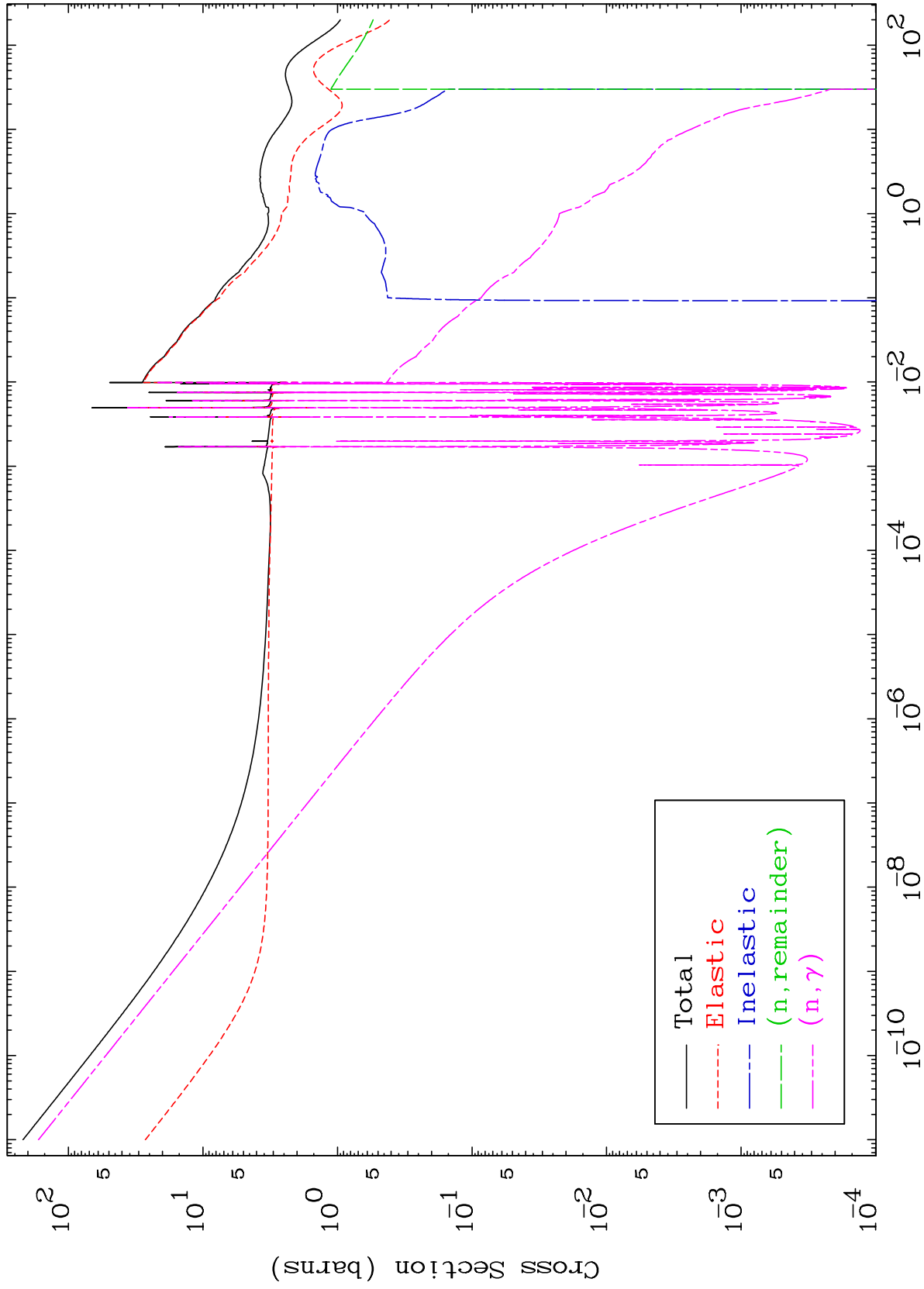
Press Mouse Button to Start

MAT 2322

Major

293 Kelvin Cross Sections

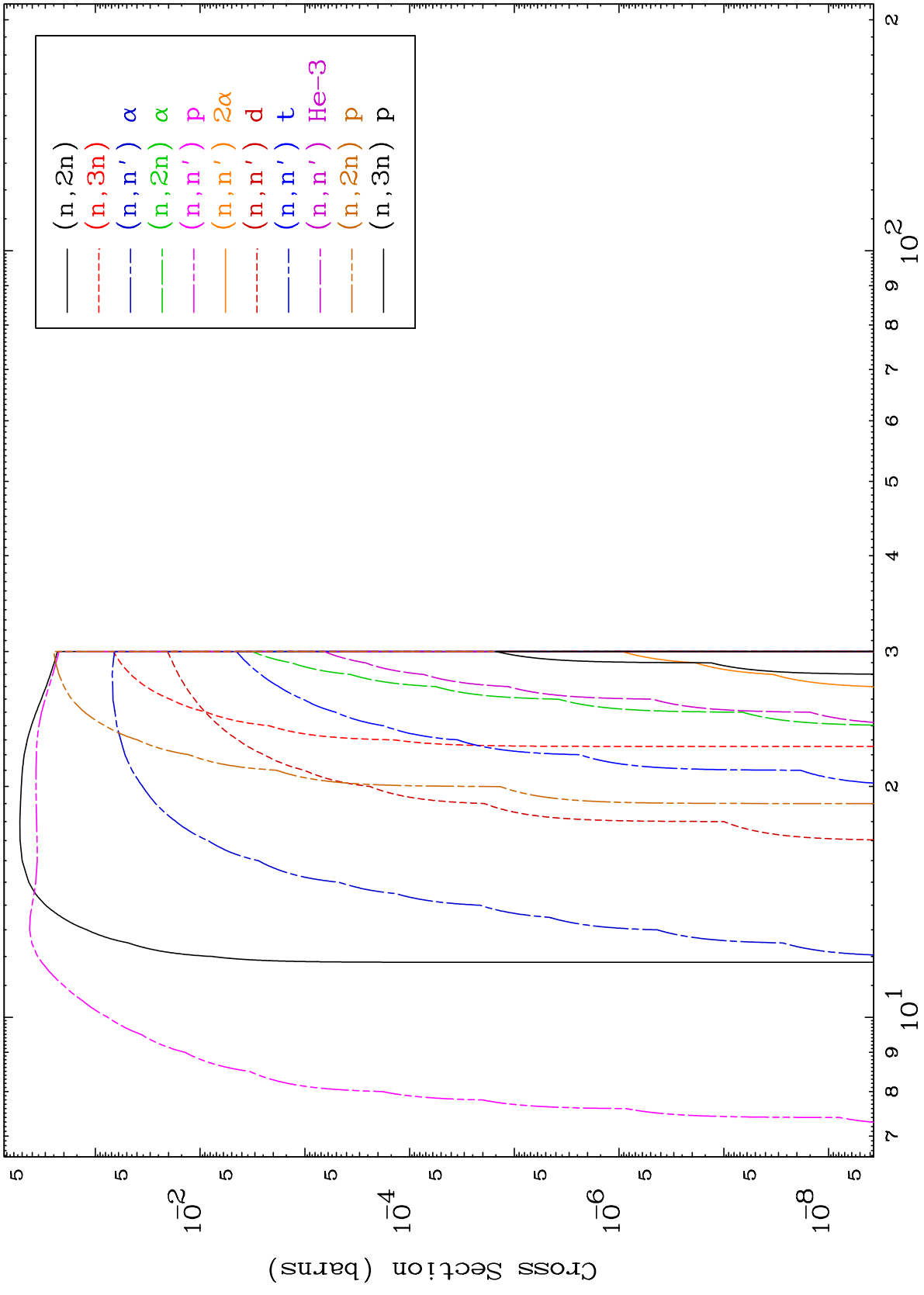
23-V -49



MAT 2322

### Neutron Production 293 Kelvin Cross Sections

23-V -49



2

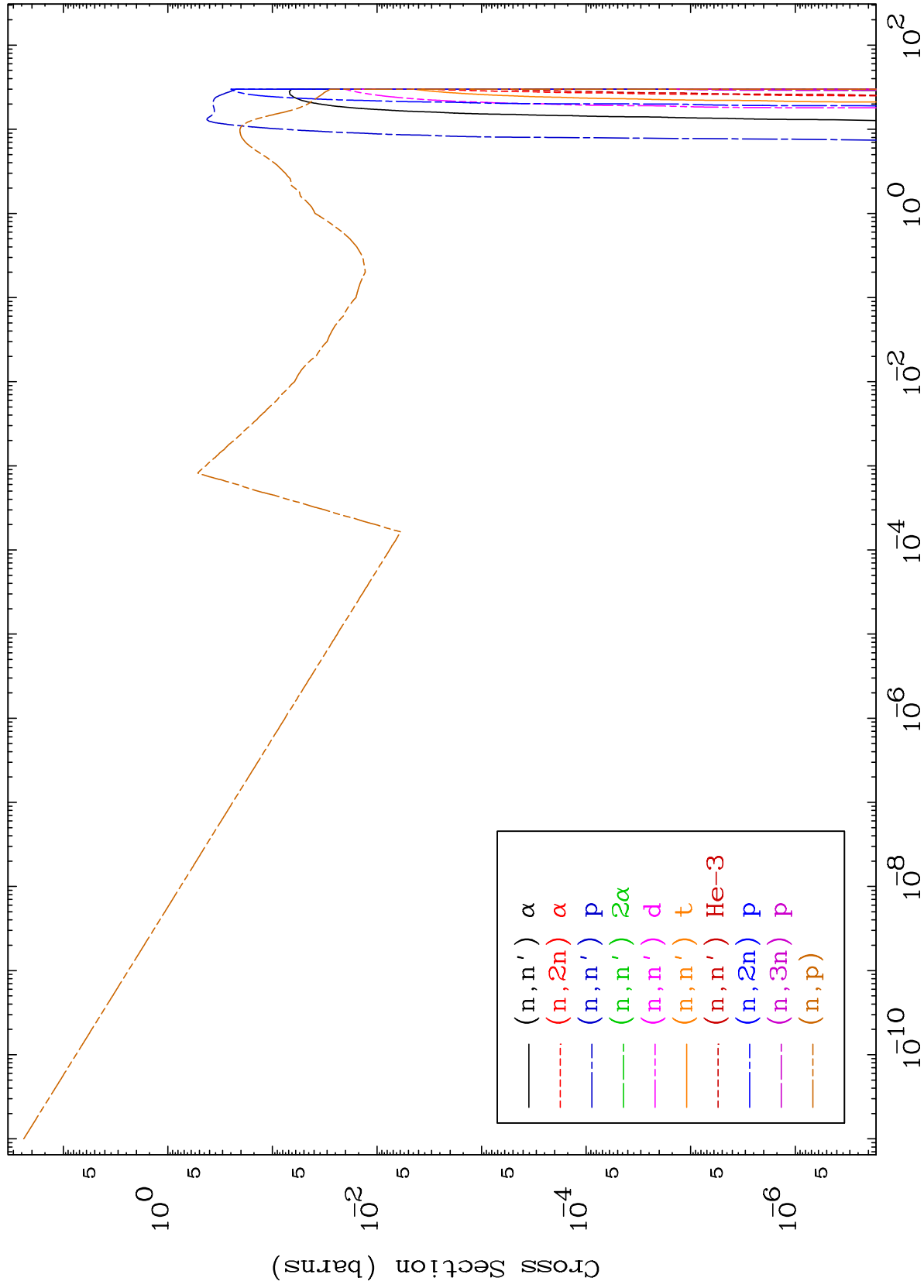
Incident Energy (MeV)

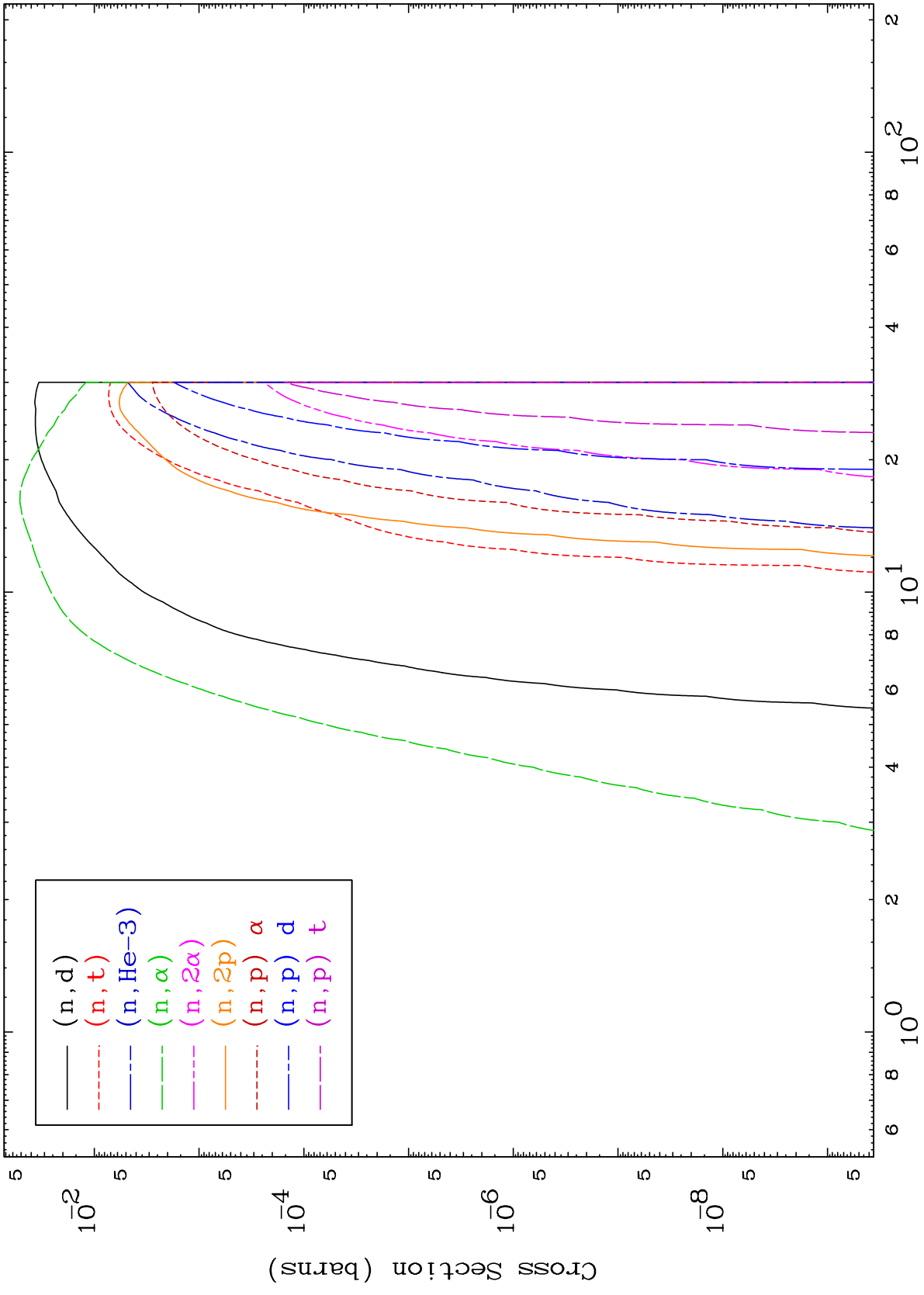
23-V -49

MAT 2322

Charged Particle  
293 Kelvin Cross Sections

23-V -49

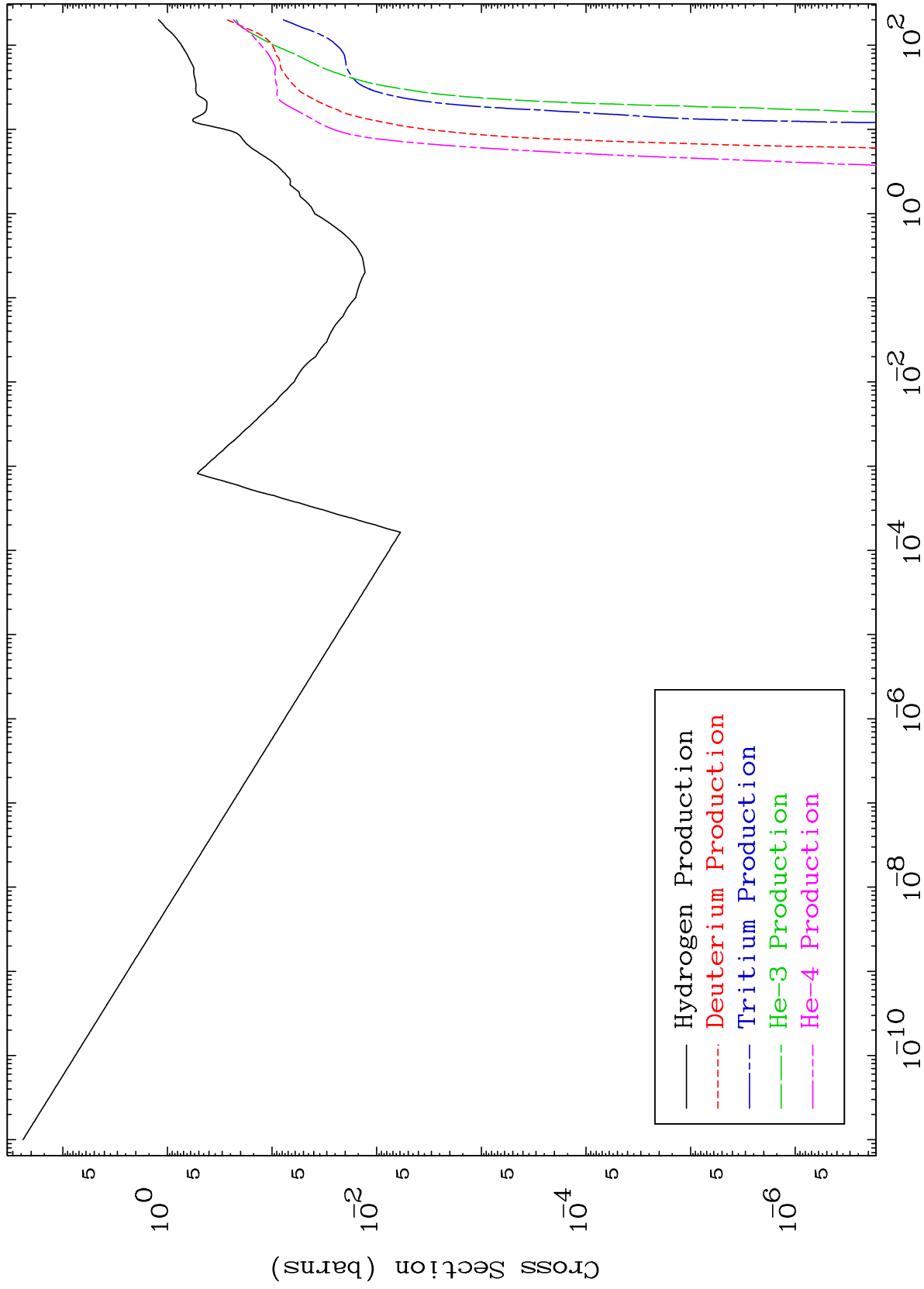


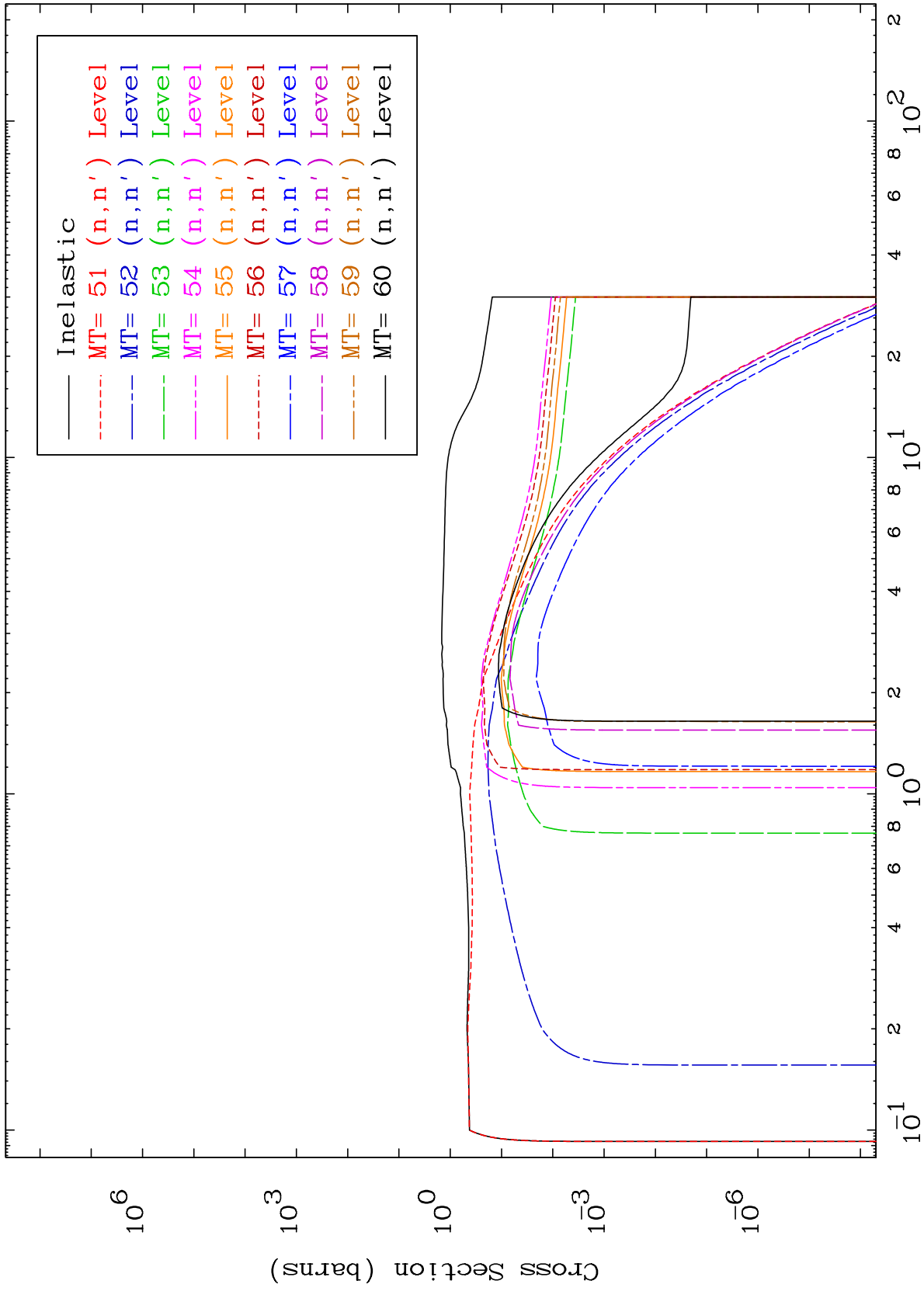


MAT 2322

Particle Production  
293 Kelvin Cross Sections

23-V -49

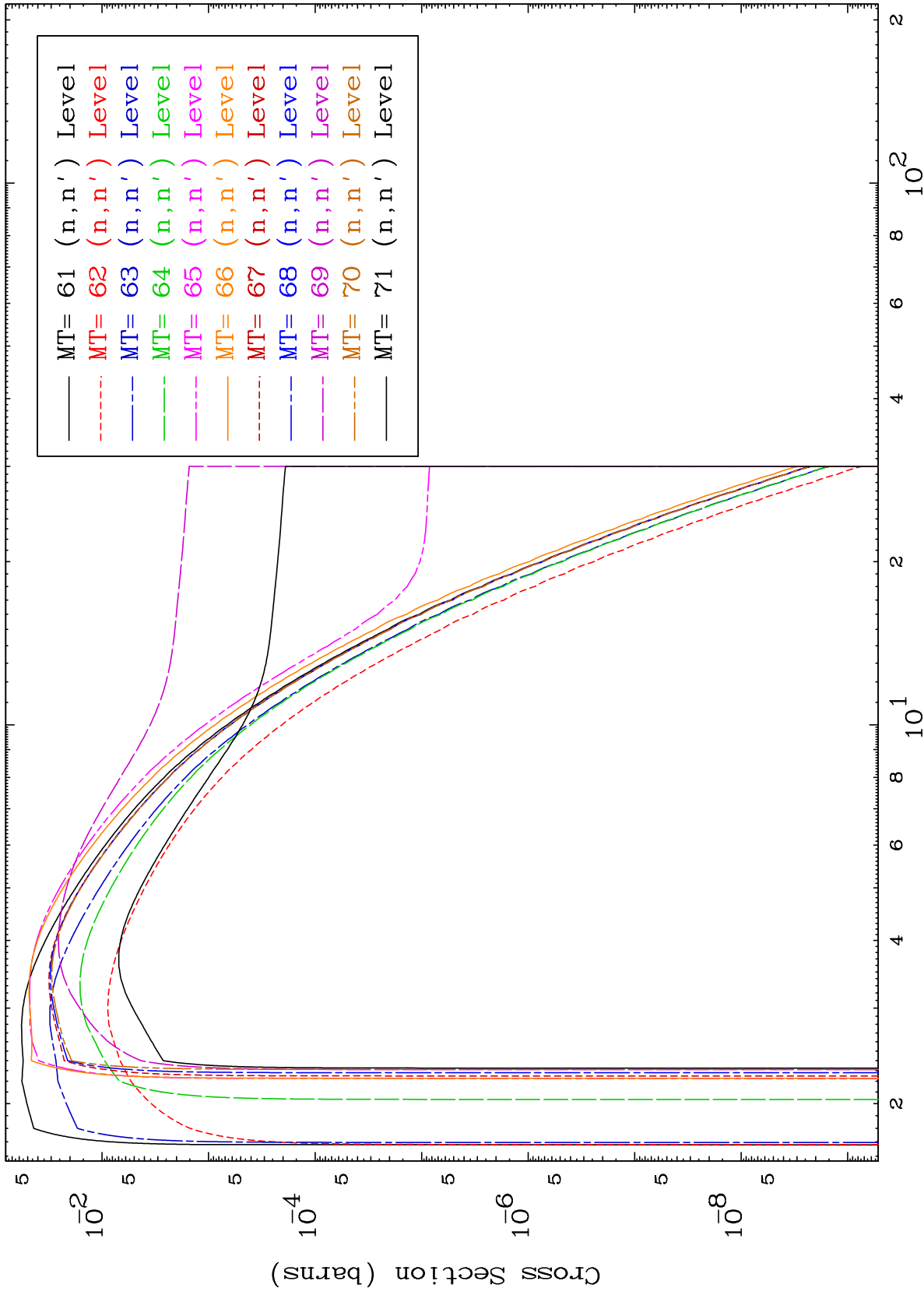




MAT 2322

(n,n') Level  
293 Kelvin Cross Sections

23-V -49

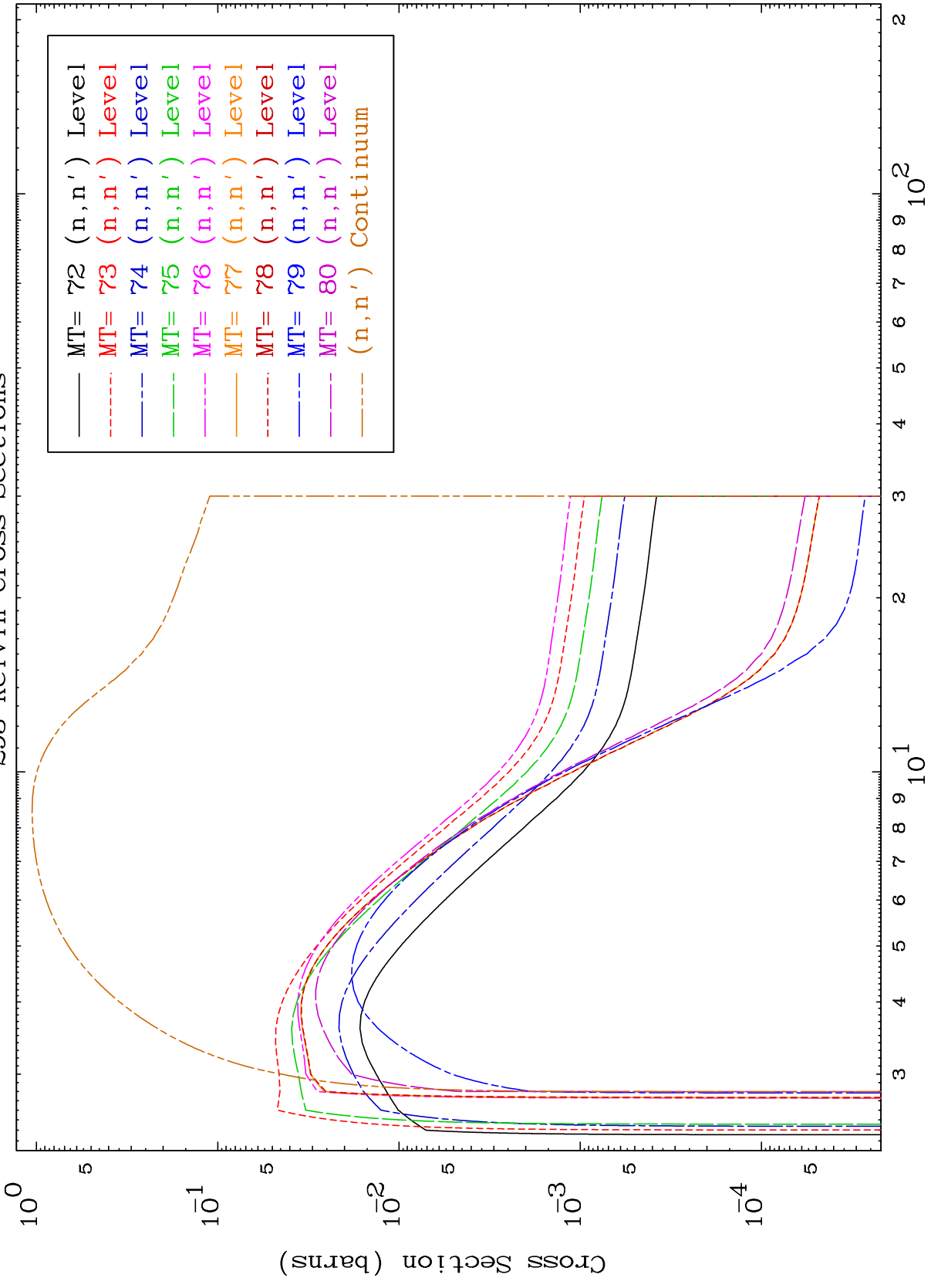


7

Incident Energy (MeV)

23-V -49

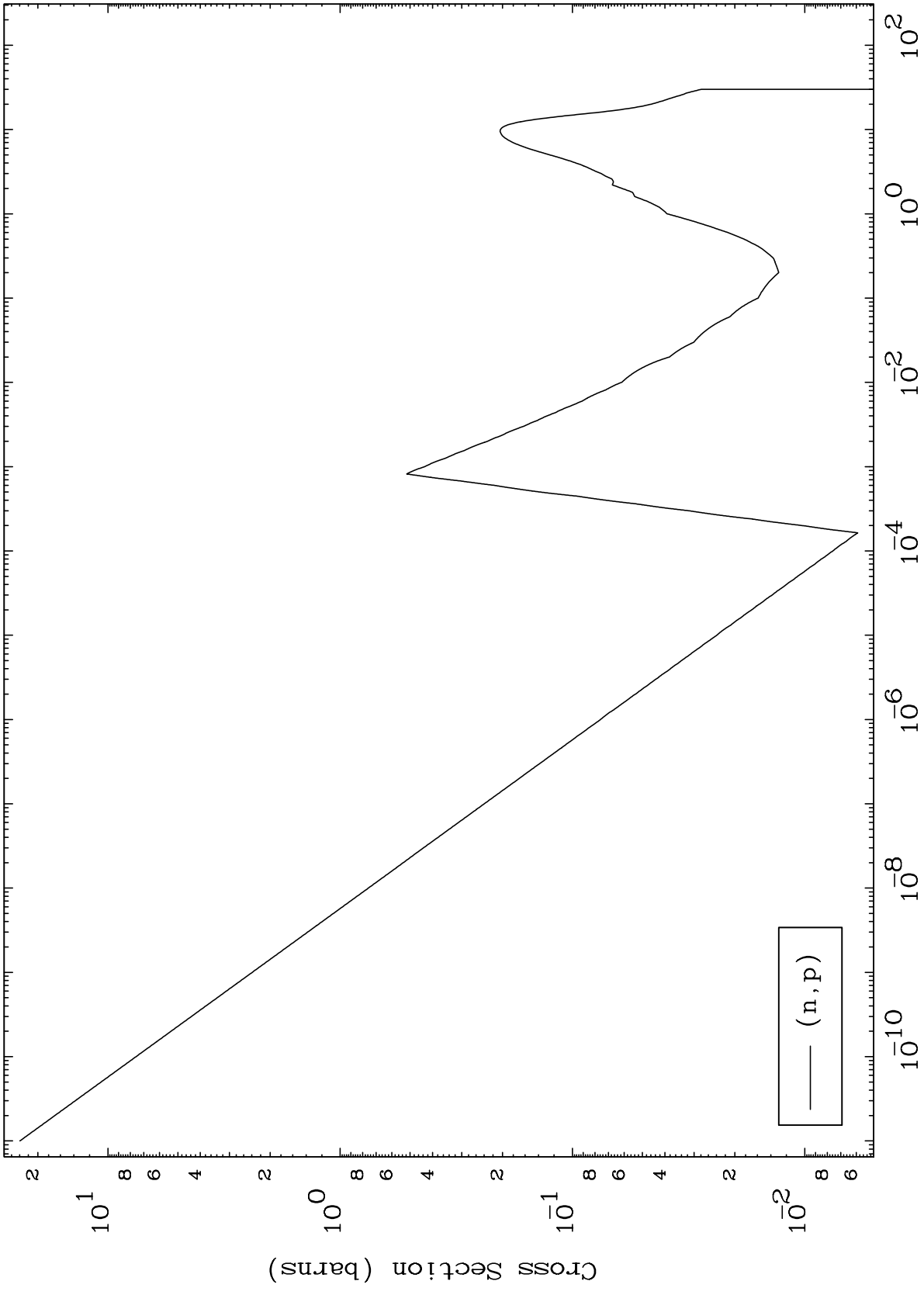




MAT 2322

(n,p) Levels  
293 Kelvin Cross Sections

23-V -49

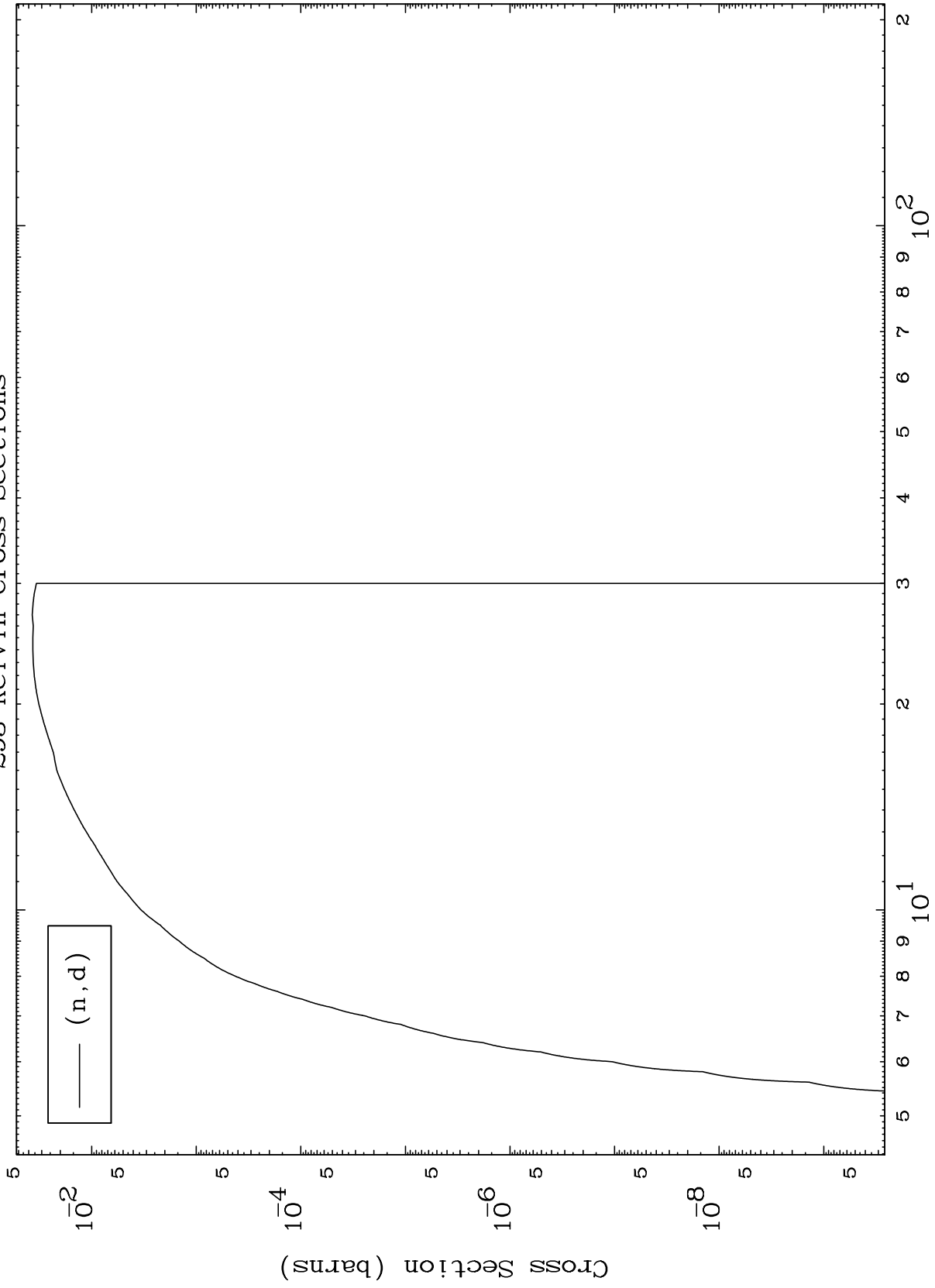


23-V -49

MAT 2322

(n,d) Levels  
293 Kelvin Cross Sections

23-V -49



10

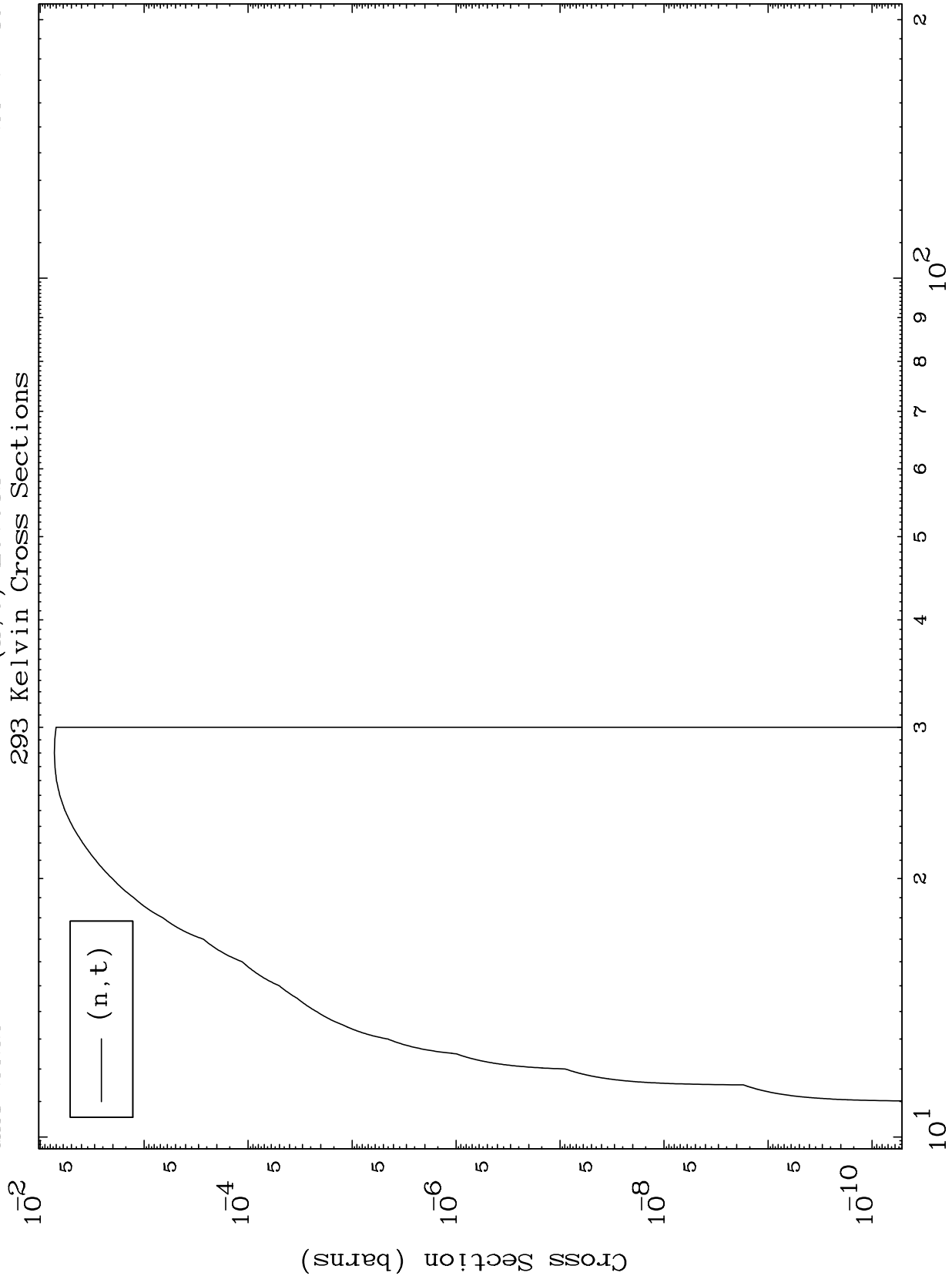
Incident Energy (MeV)

23-V -49

MAT 2322

(n,t) Levels  
293 Kelvin Cross Sections

23-V -49

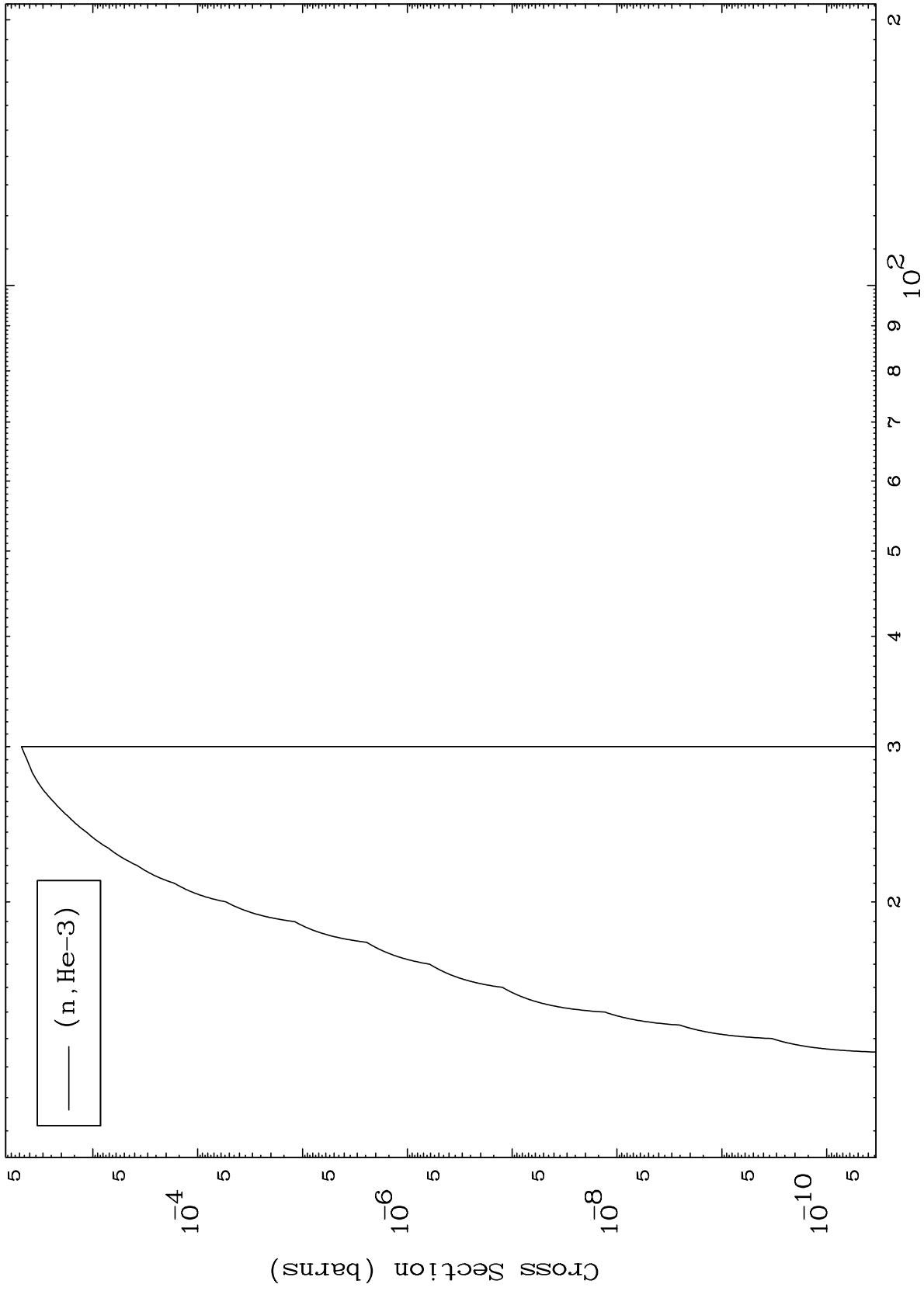


(n,t)

11

Incident Energy (MeV)

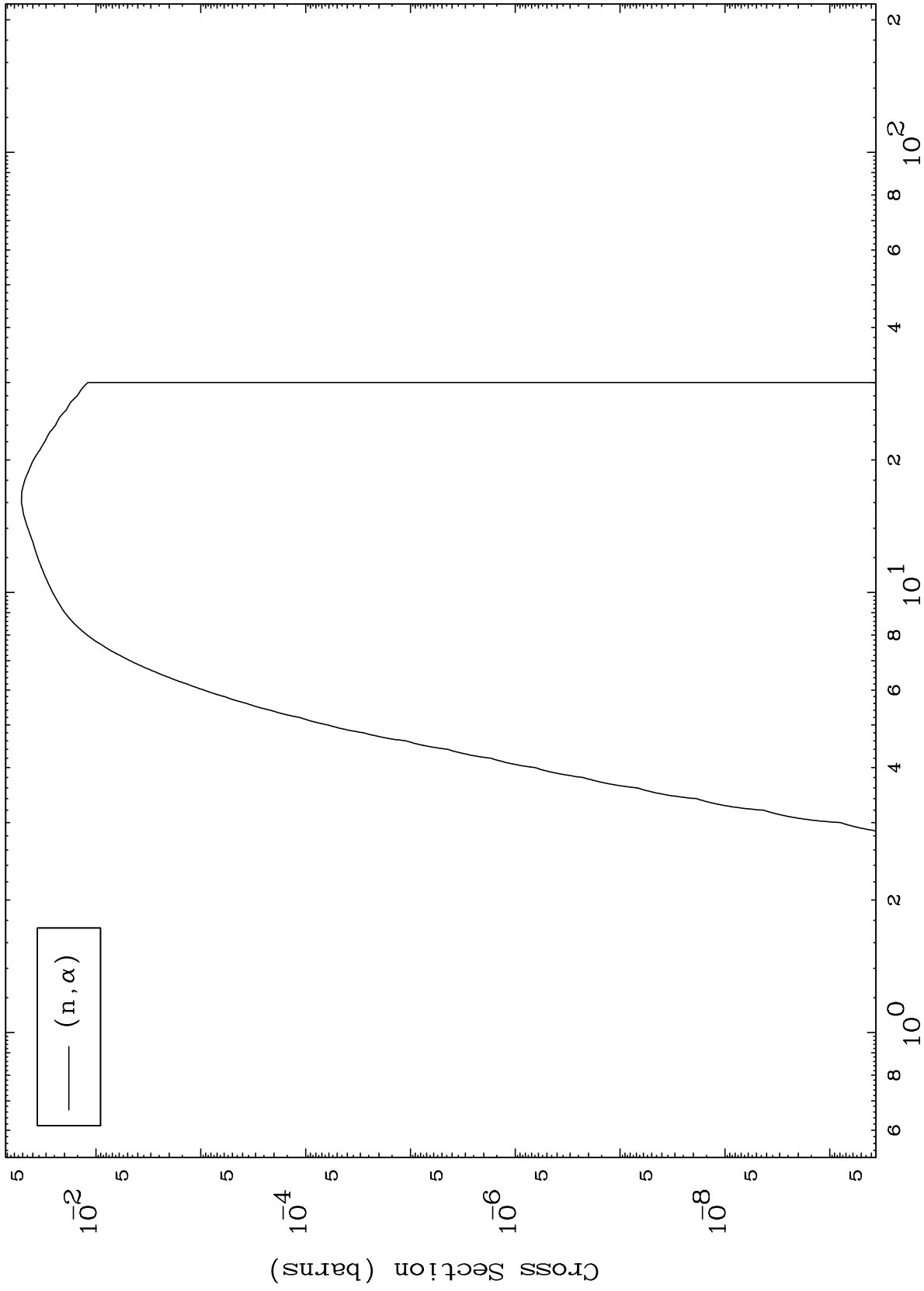
23-V -49



MAT 2322

(n,α) Levels  
293 Kelvin Cross Sections

23-V -49

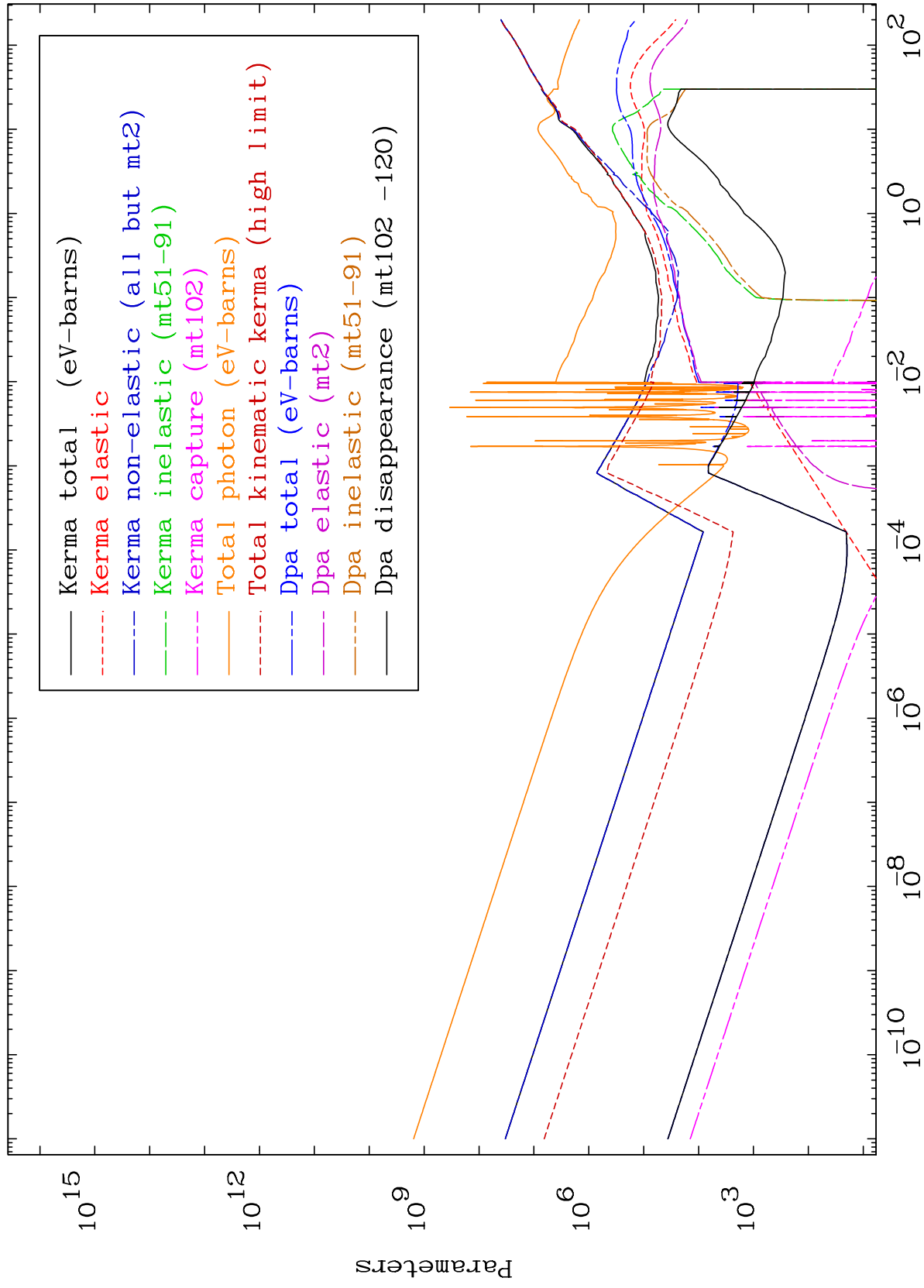


(n,α)

13

Incident Energy (MeV)

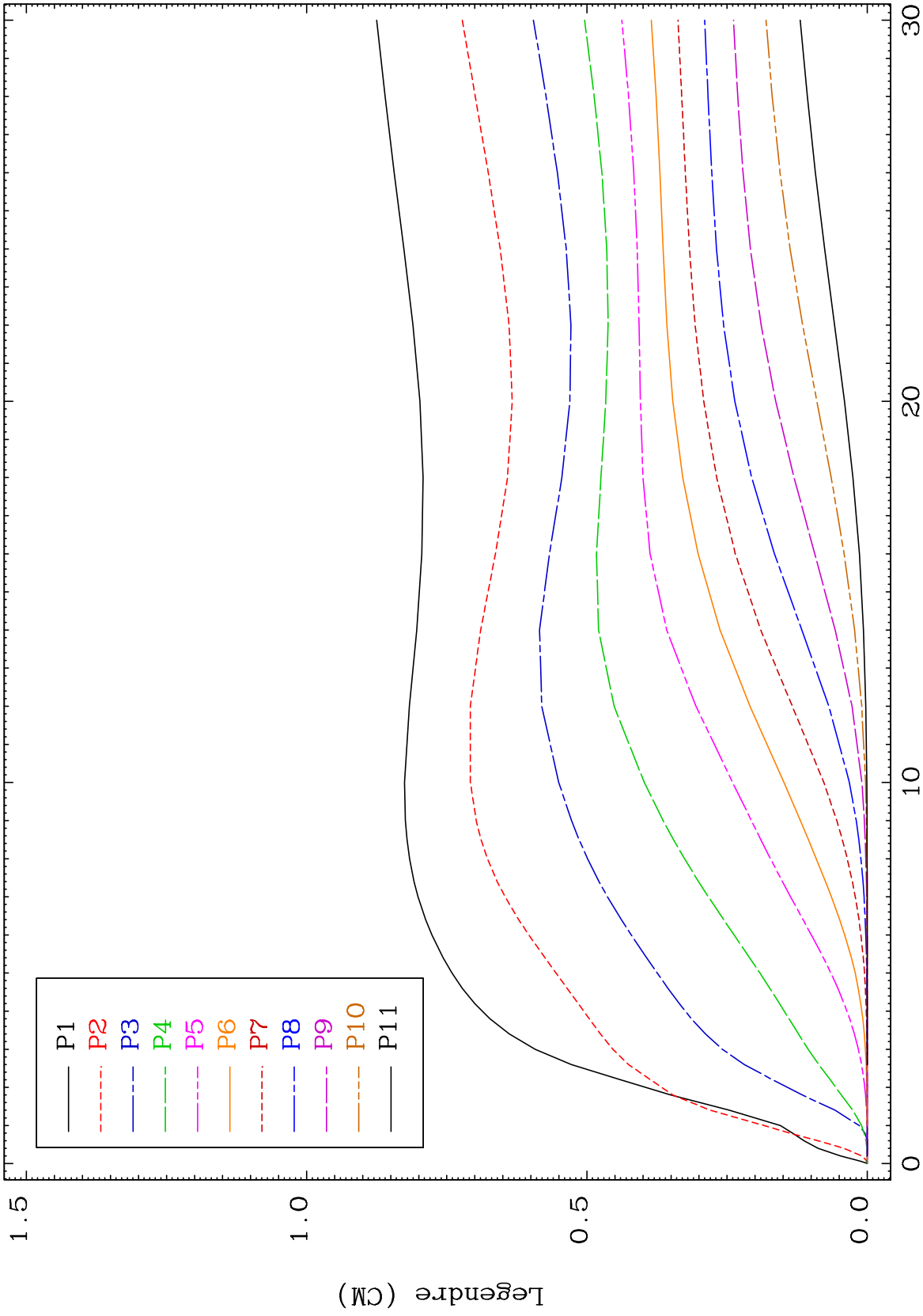
23-V -49



MAT 2322

Elastic Legendre Coefficients

23-V -49



15

Incident Energy (MeV)

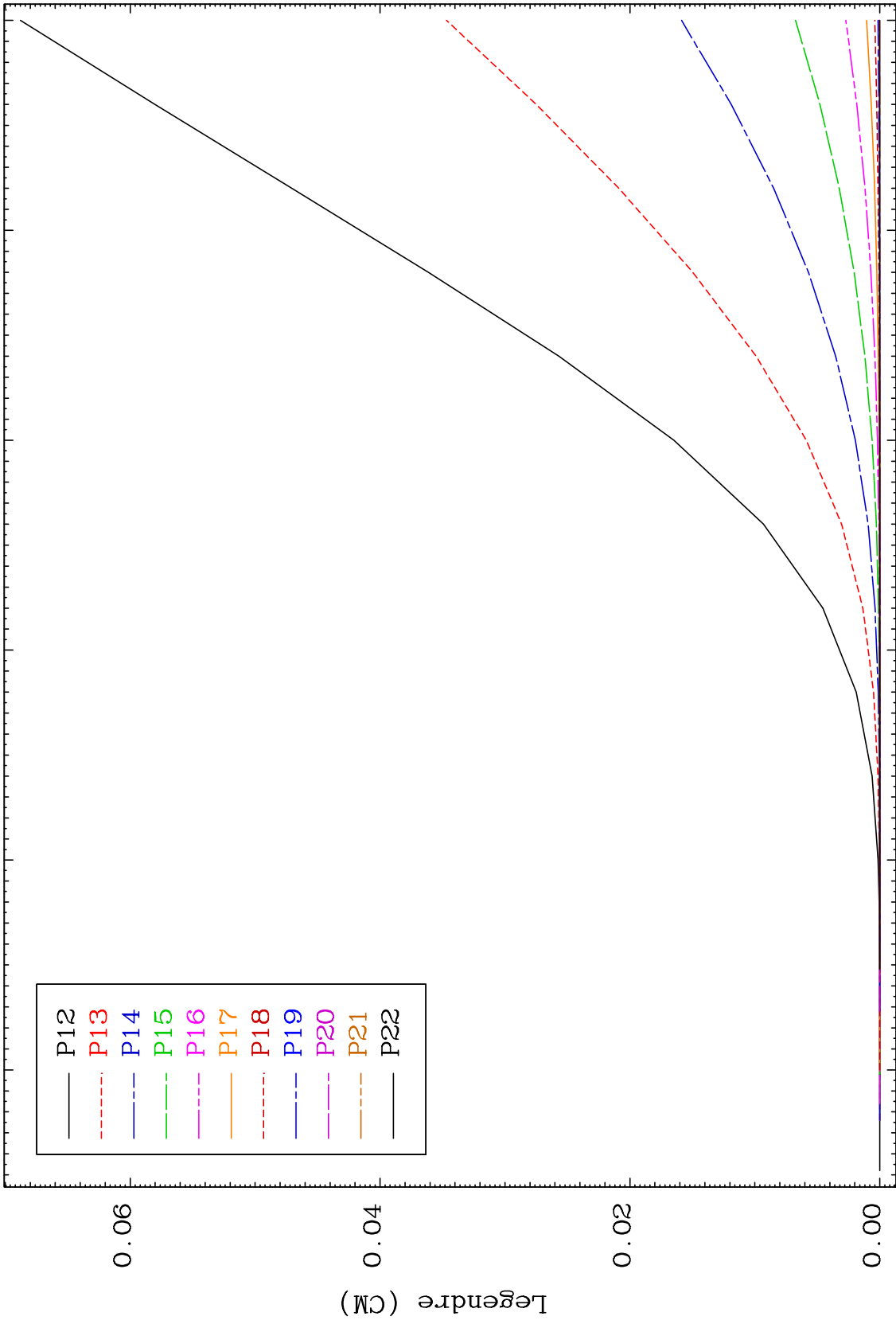
23-V -49



MAT 2322

Elastic Legendre Coefficients

23-V -49



16

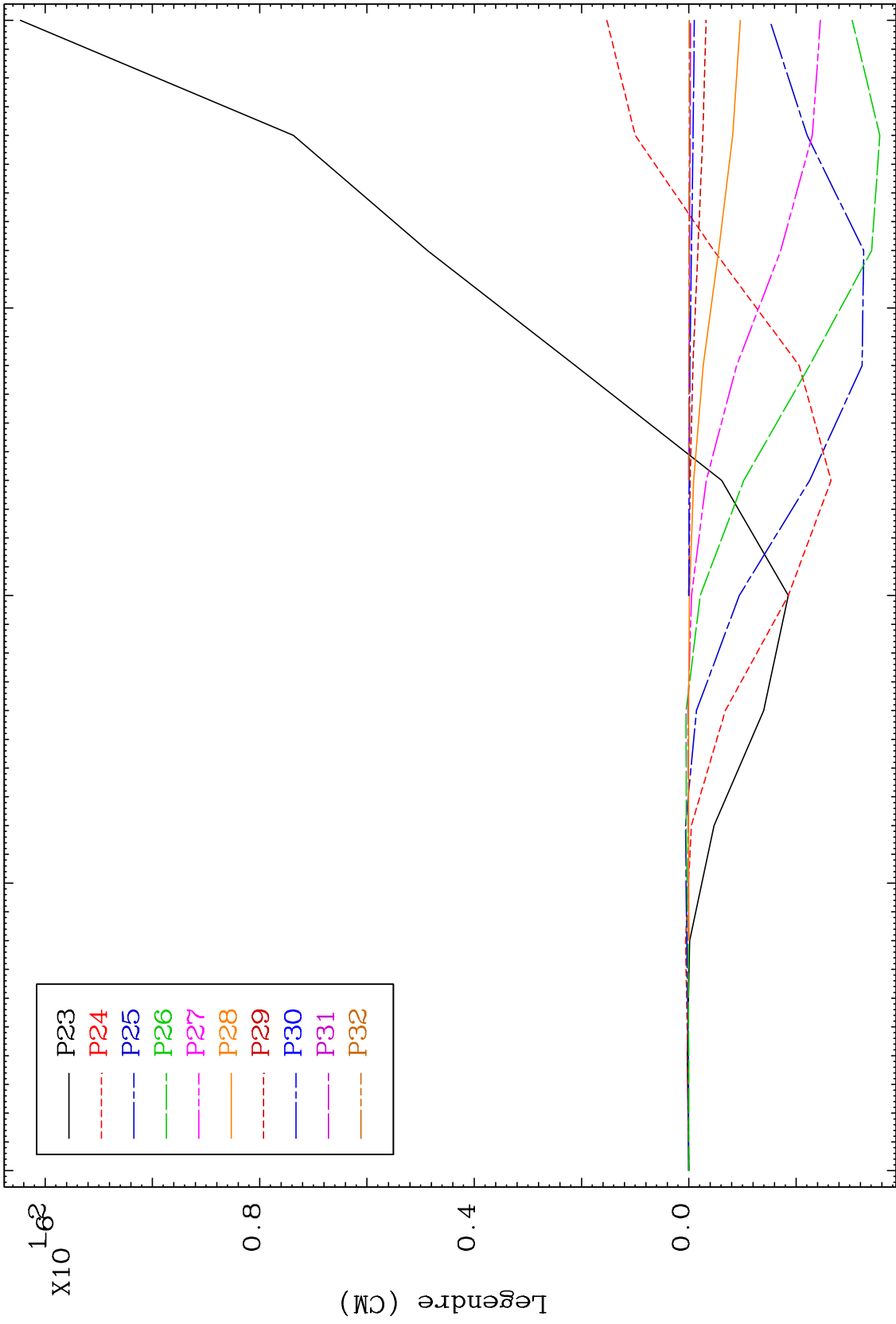
Incident Energy (MeV)

23-V -49

MAT 2322

Elastic Legendre Coefficients

23-V -49



17

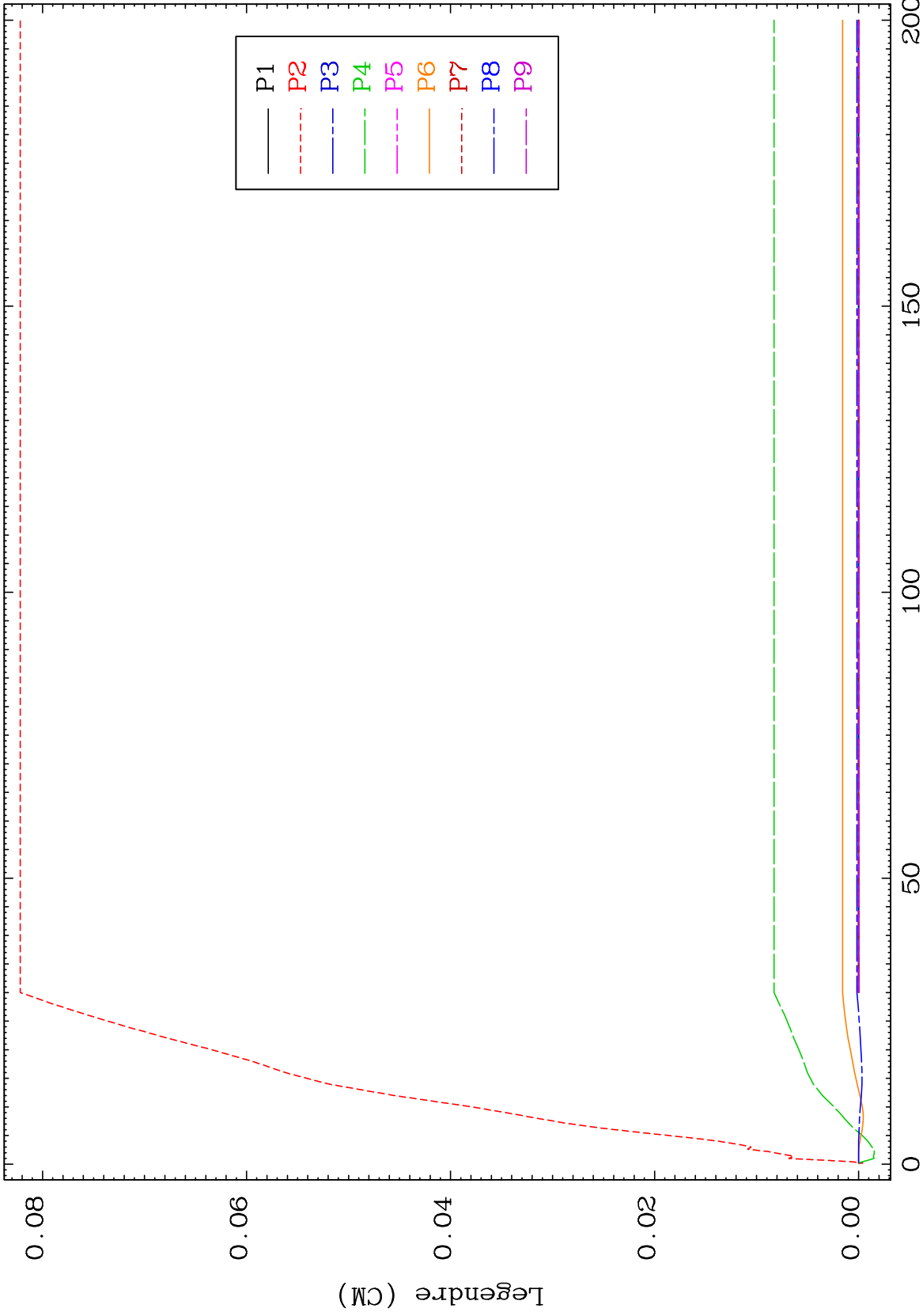
Incident Energy (MeV)

23-V -49

MAT 2322

MT= 51 (n,n') Level  
Legendre Coefficients

23-V -49

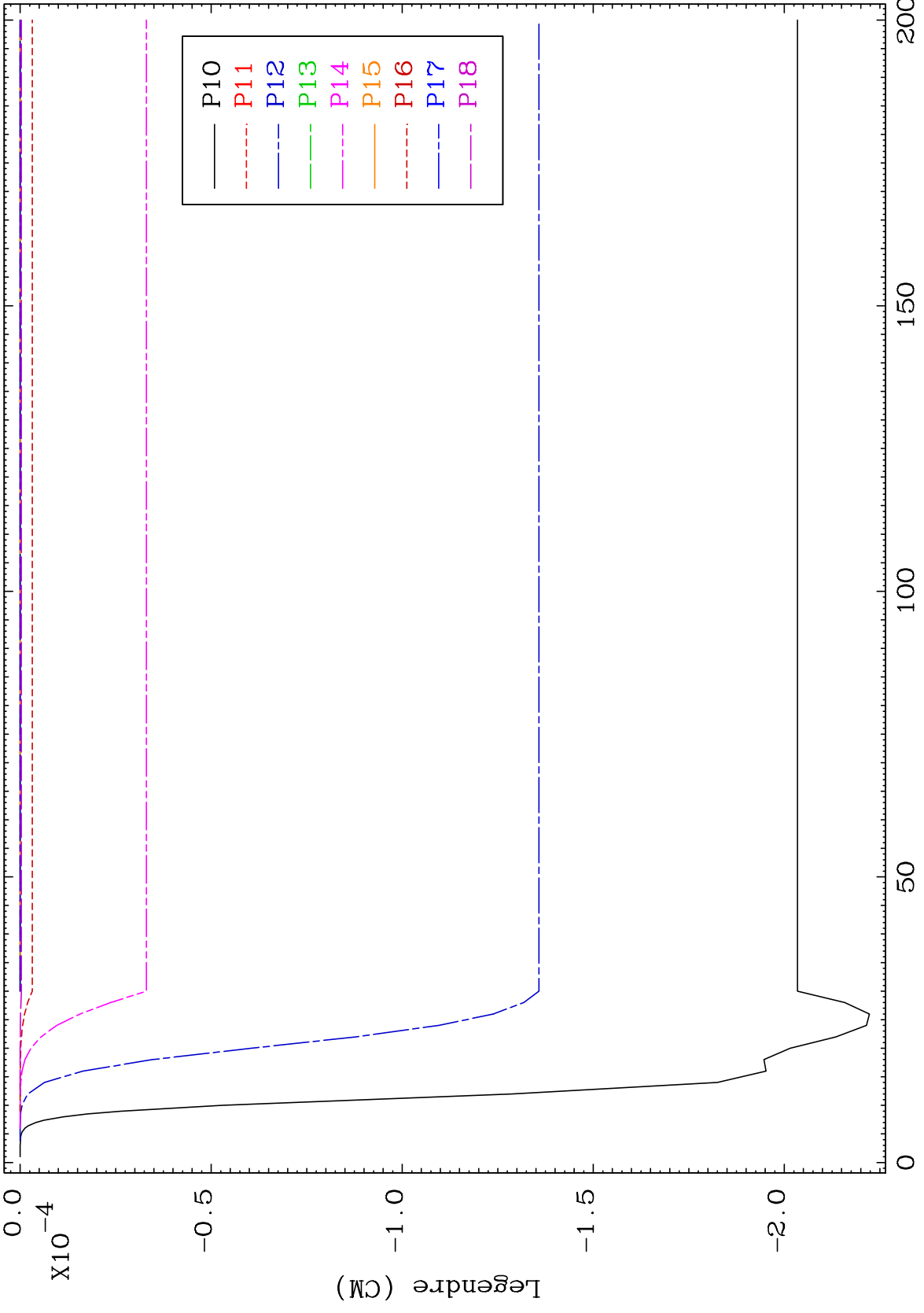


18

Incident Energy (MeV)

23-V -49

MAT 2322 MT= 51 (n,n') Level Legendre Coefficients 23-V -49

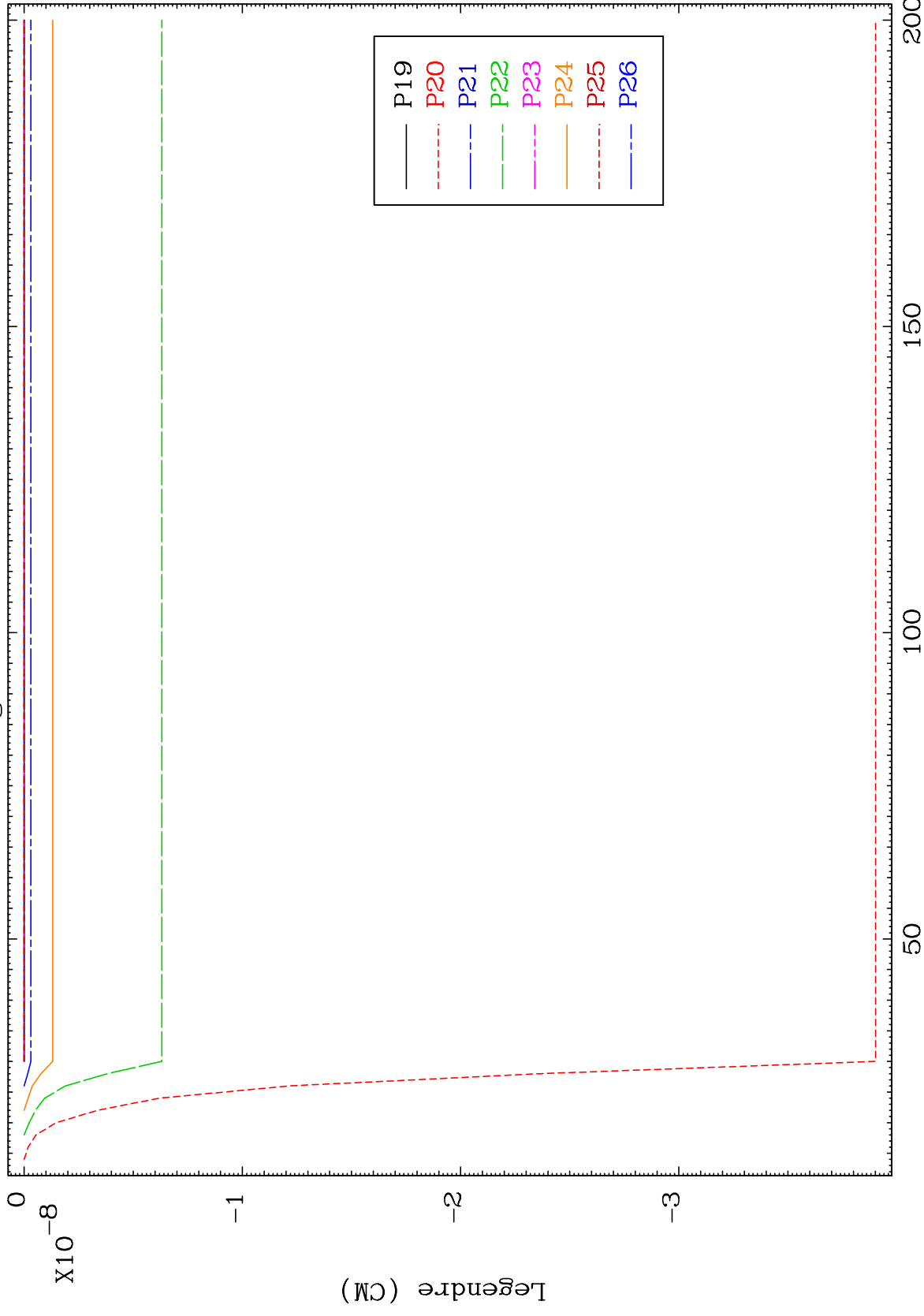


19 23-V -49

MAT 2322

MT= 51 (n,n') Level  
Legendre Coefficients

23-V -49



23-V -49

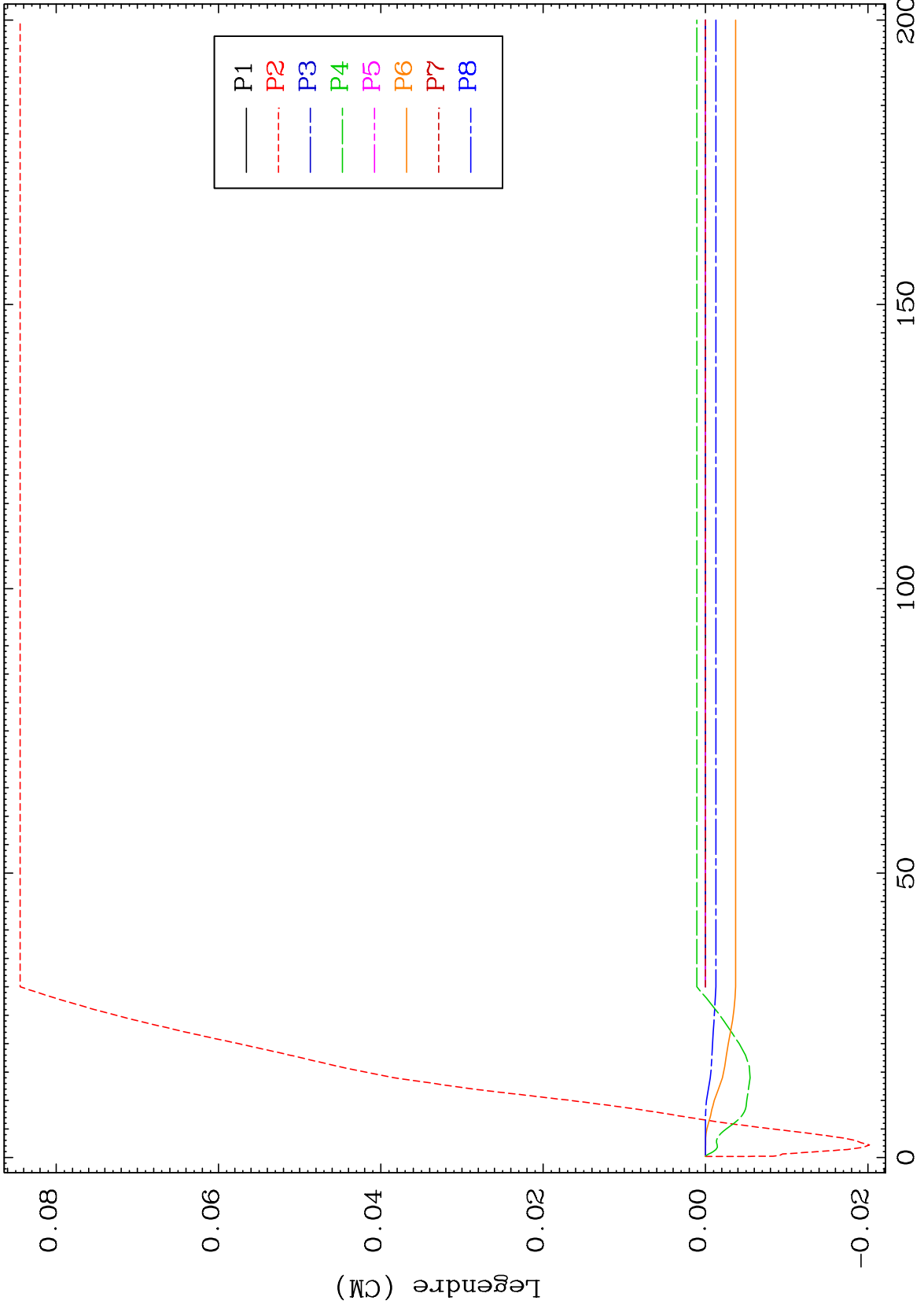
Incident Energy (MeV)

20

MAT 2322

MT= 52 (n,n') Level  
Legendre Coefficients

23-V -49



21

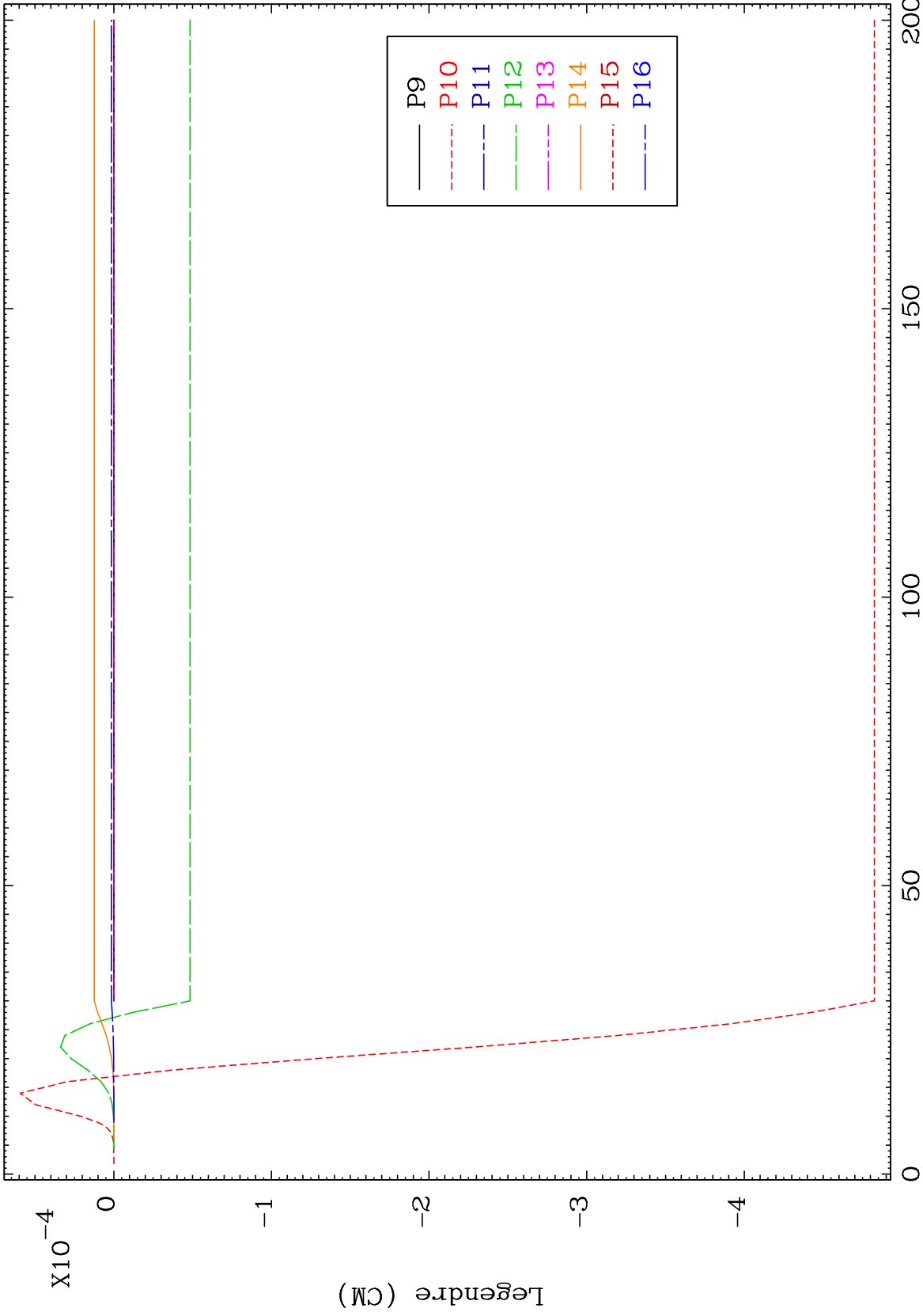
Incident Energy (MeV)

23-V -49

MAT 2322

MT= 52 (n,n') Level  
Legendre Coefficients

23-V -49

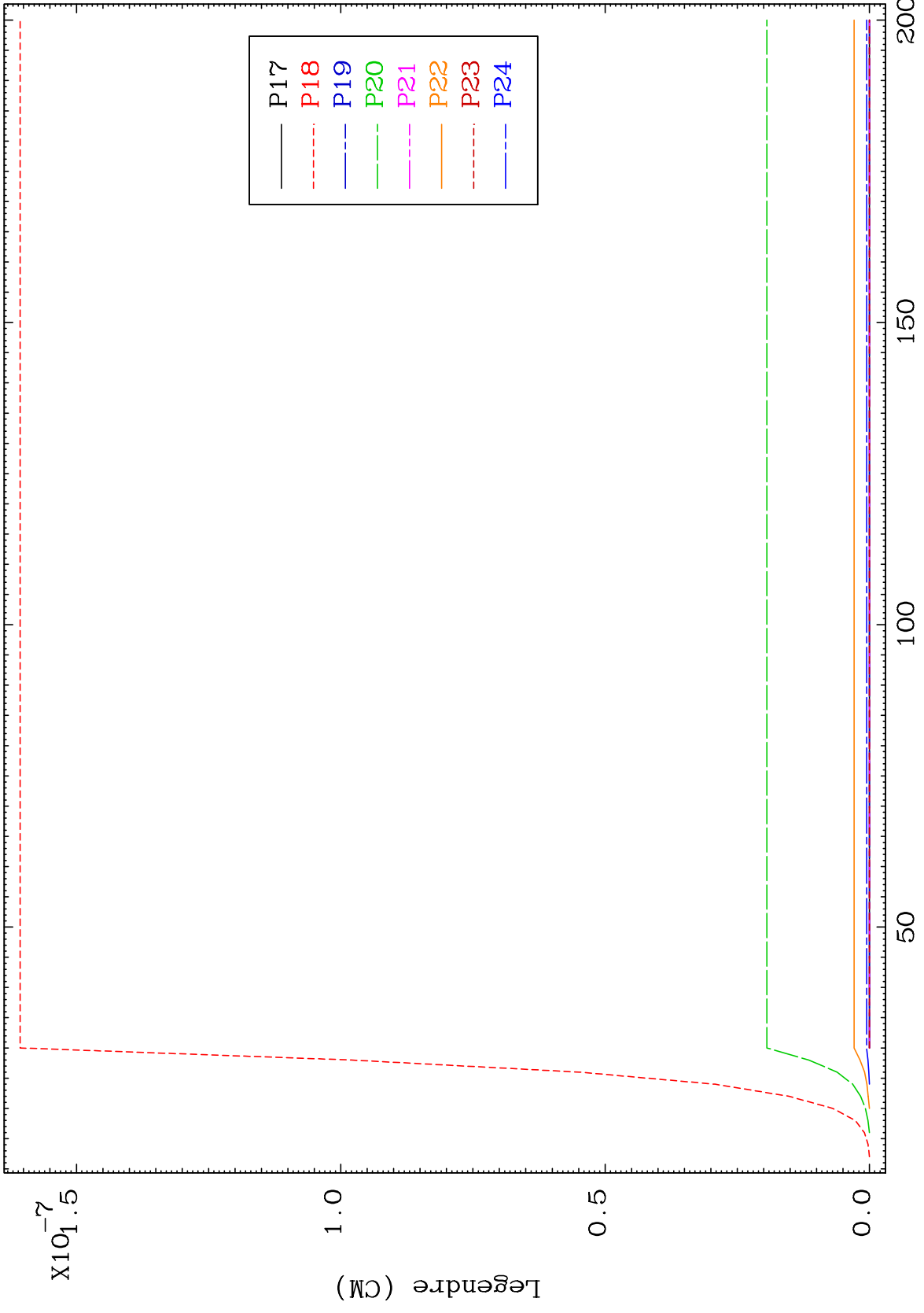


22

Incident Energy (MeV)

23-V -49

MAT 2322 MT= 52 (n,n') Level Legendre Coefficients 23-V -49



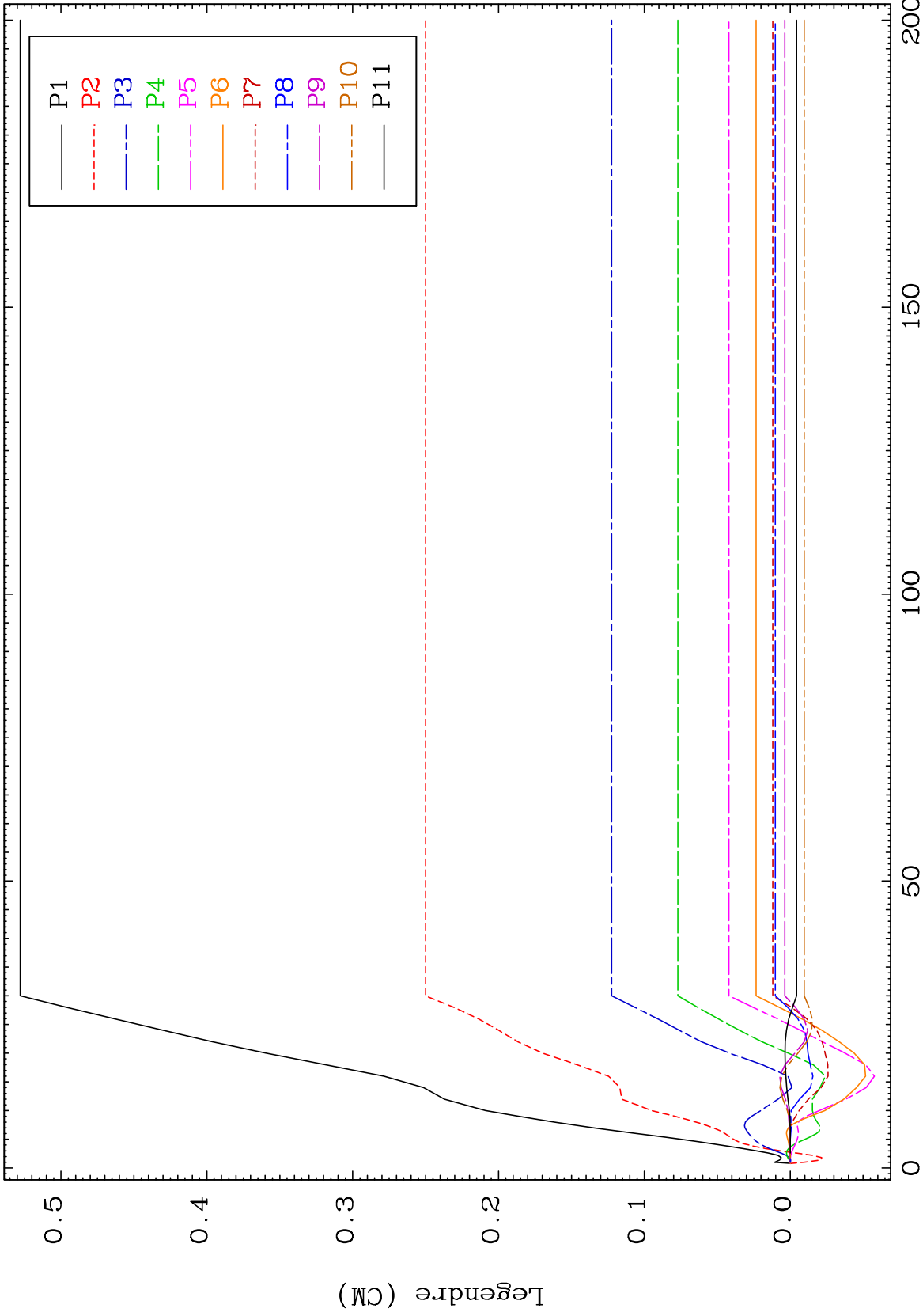
23 50 100 150 200 23-V -49



MAT 2322

MT= 53 (n,n') Level  
Legendre Coefficients

23-V -49



24

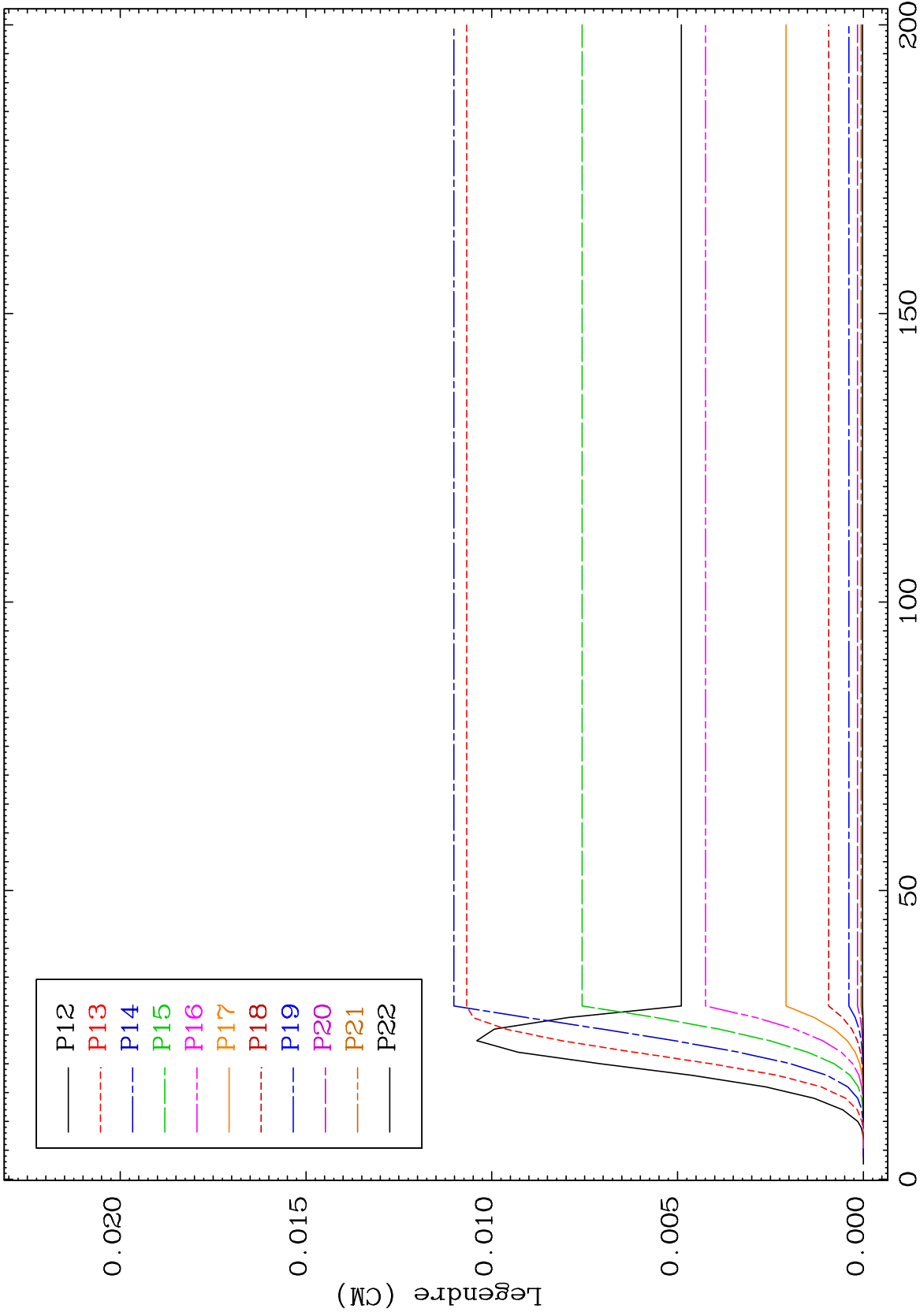
Incident Energy (MeV)

23-V -49

MAT 2322

MT= 53 (n,n') Level  
Legendre Coefficients

23-V -49



25

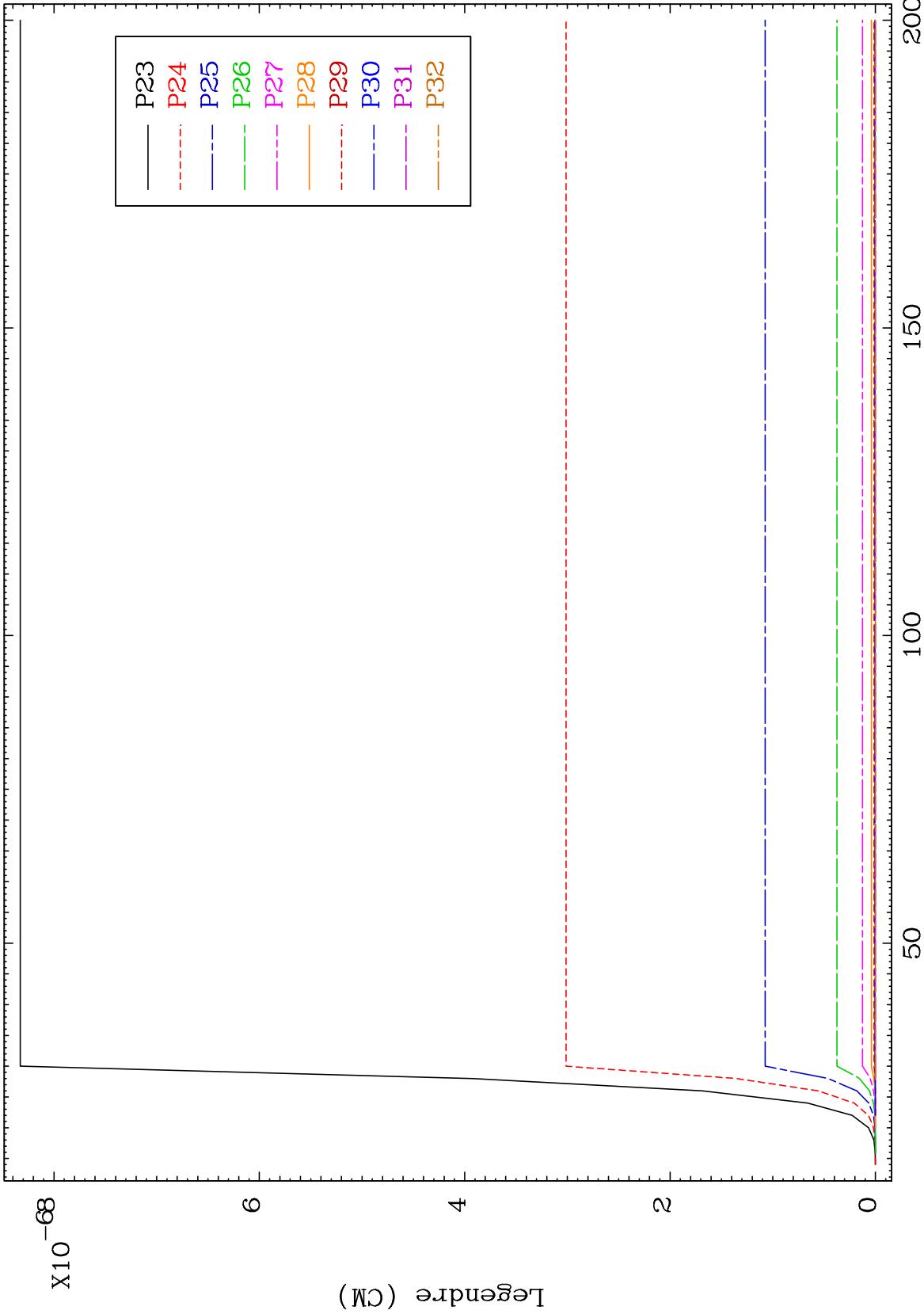
Incident Energy (MeV)

23-V -49

MAT 2322

MT= 53 (n,n') Level  
Legendre Coefficients

23-V -49



26

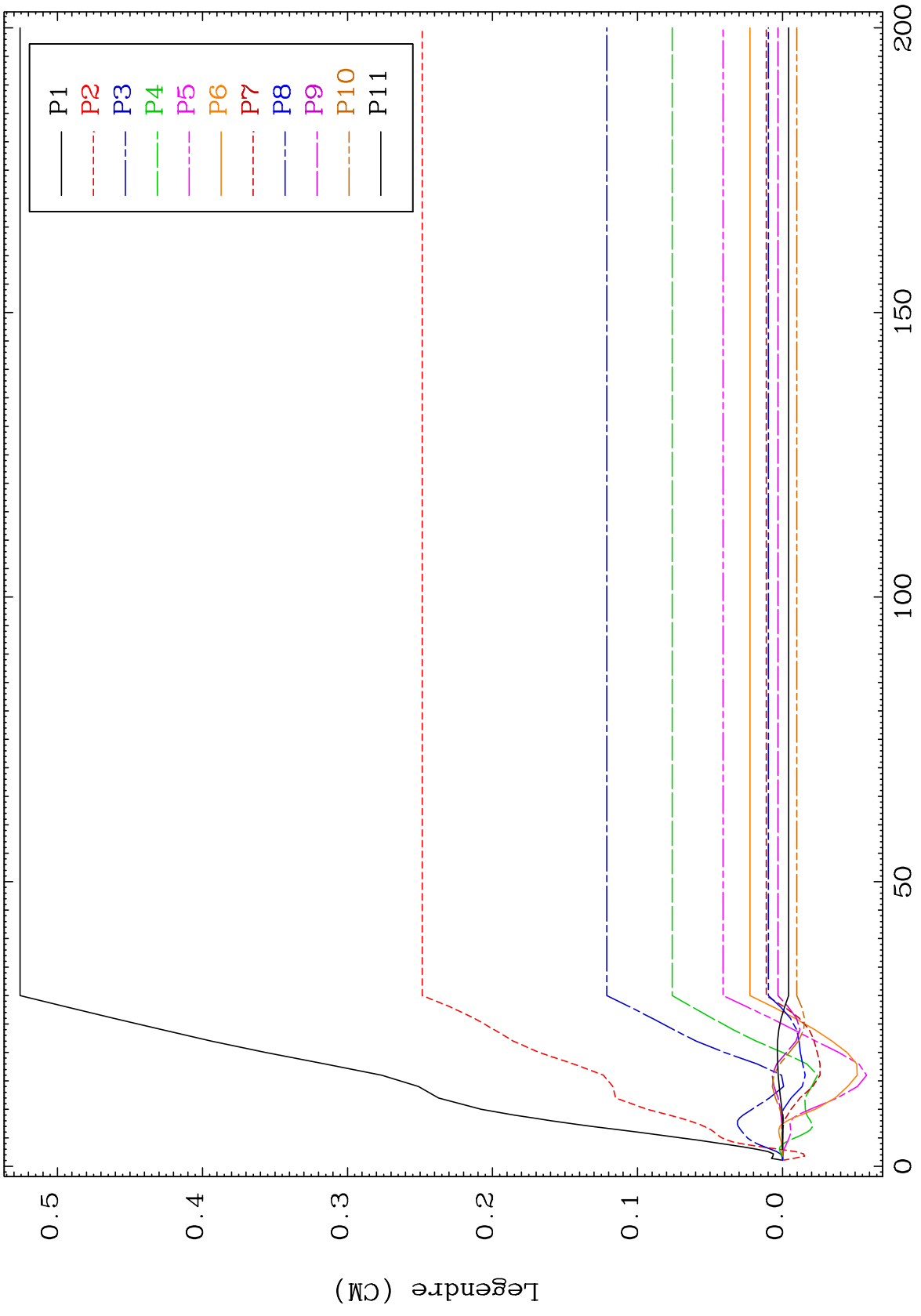
Incident Energy (MeV)

23-V -49

MAT 2322

MT= 54 (n,n') Level  
Legendre Coefficients

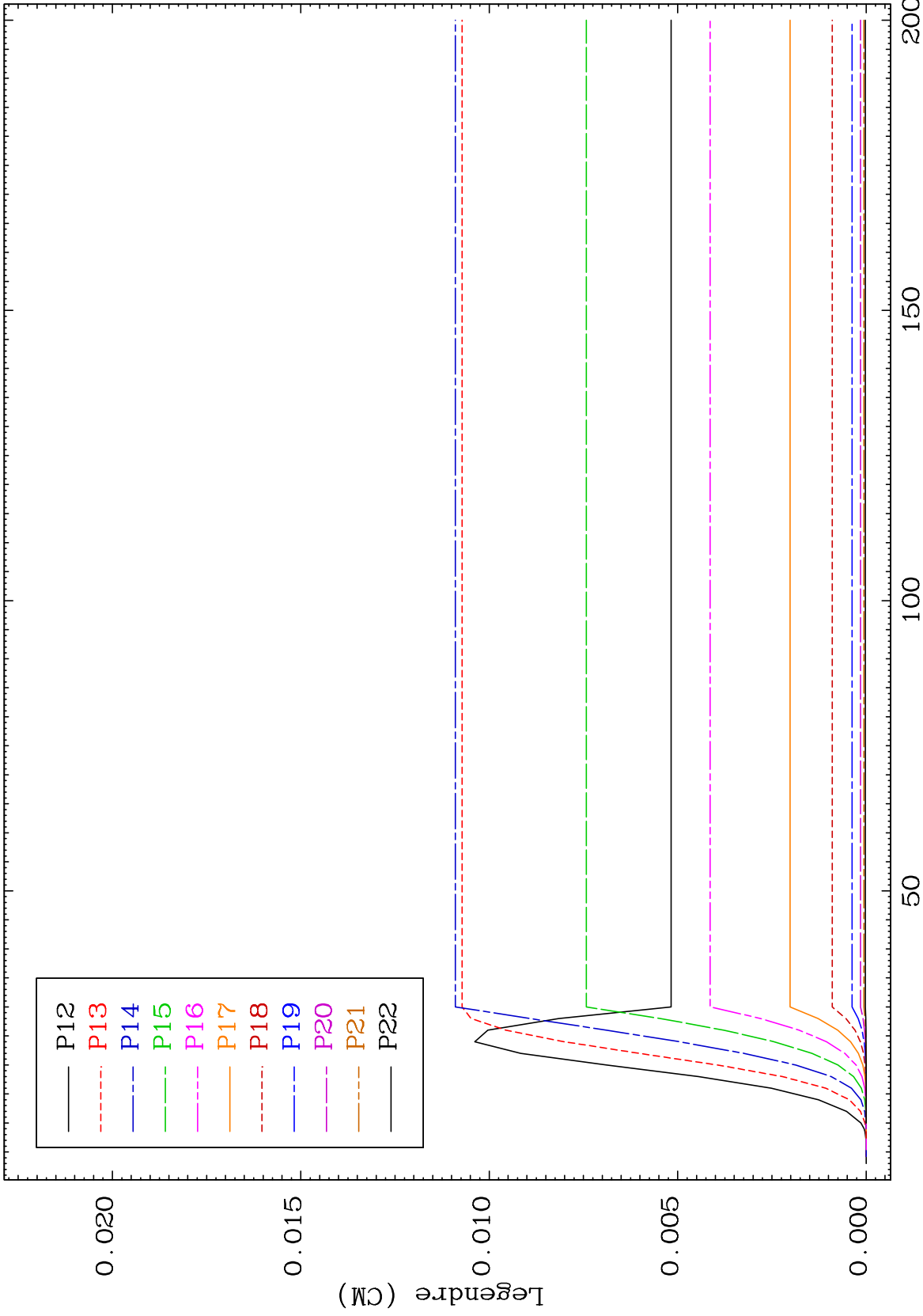
23-V -49



27

Incident Energy (MeV)

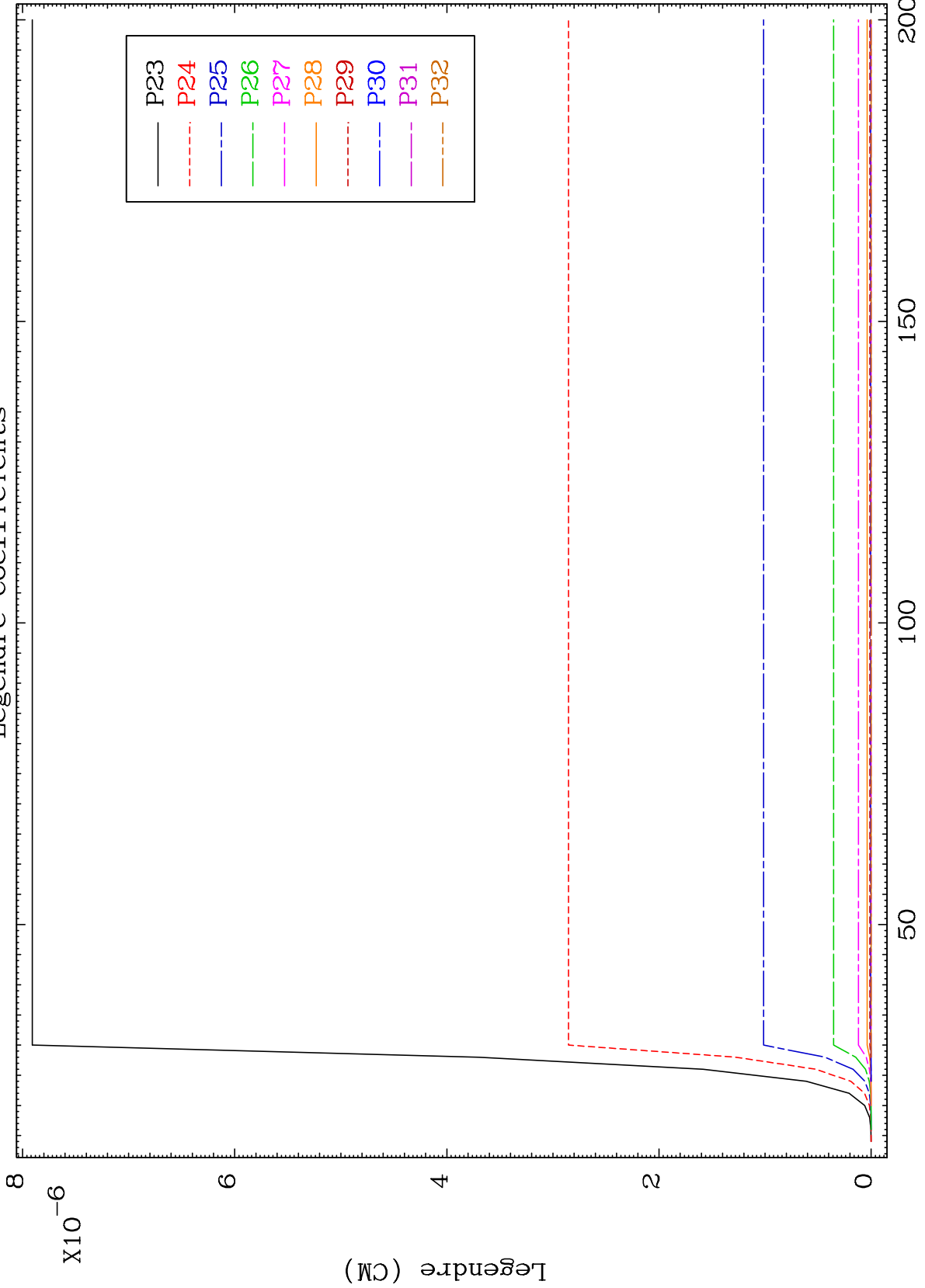
23-V -49



MAT 2322

MT= 54 (n,n') Level  
Legendre Coefficients

23-V -49



29

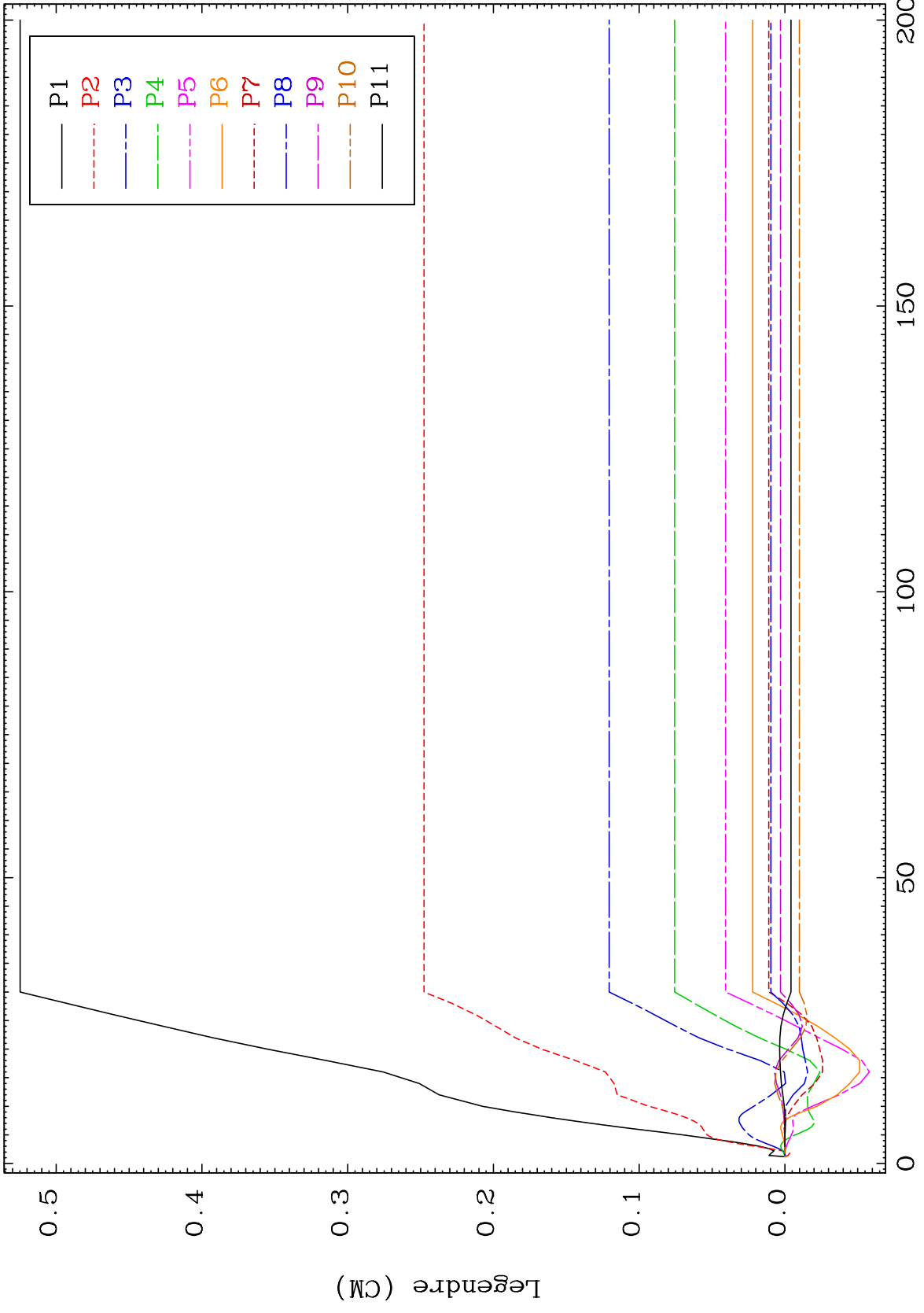
Incident Energy (MeV)

23-V -49

MAT 2322

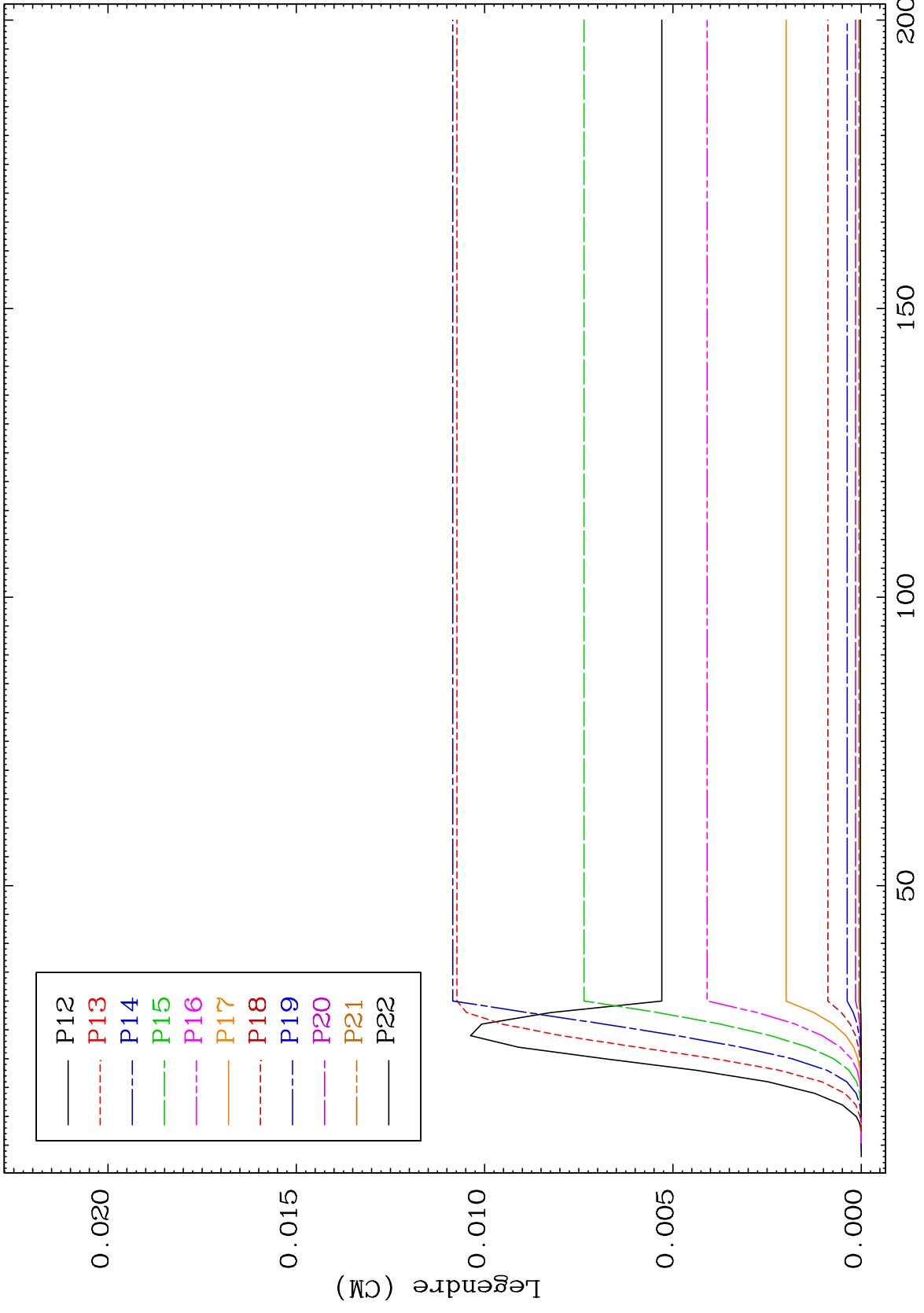
MT= 55 (n,n') Level  
Legendre Coefficients

23-V -49



23-V -49

Incident Energy (MeV)

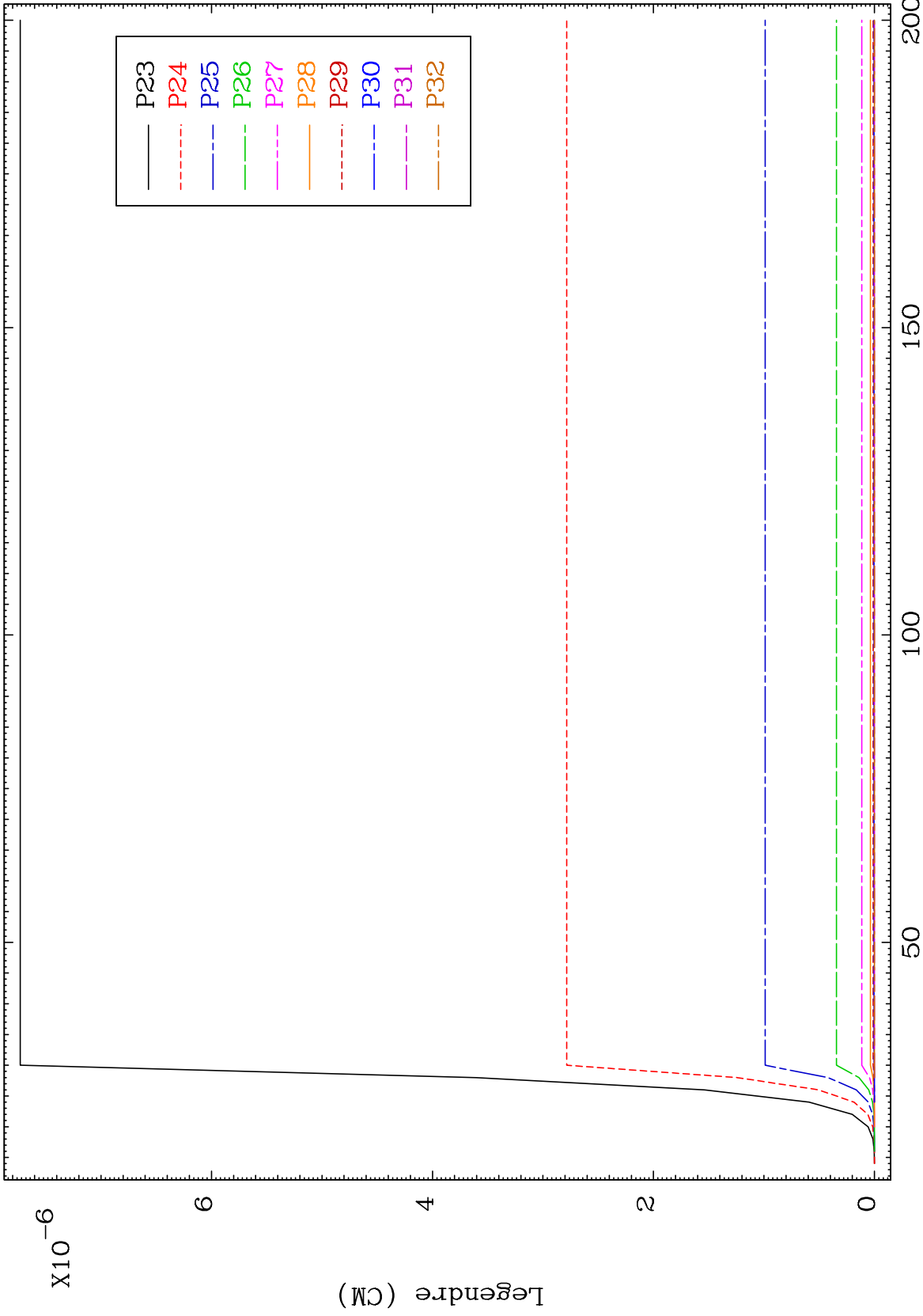




MAT 2322

MT= 55 (n,n') Level  
Legendre Coefficients

23-V -49



32

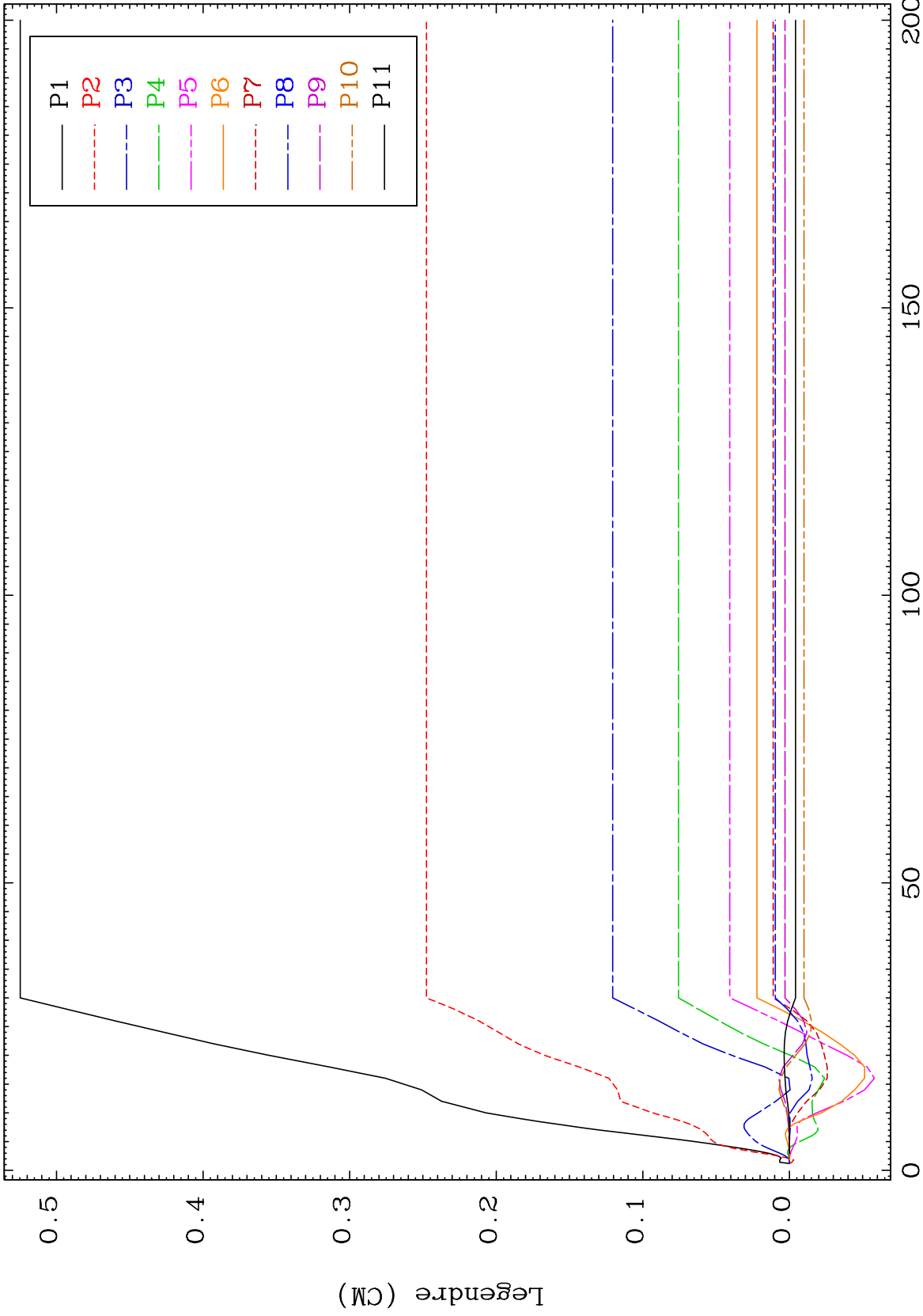
Incident Energy (MeV)

23-V -49

MAT 2322

MT= 56 (n,n') Level  
Legendre Coefficients

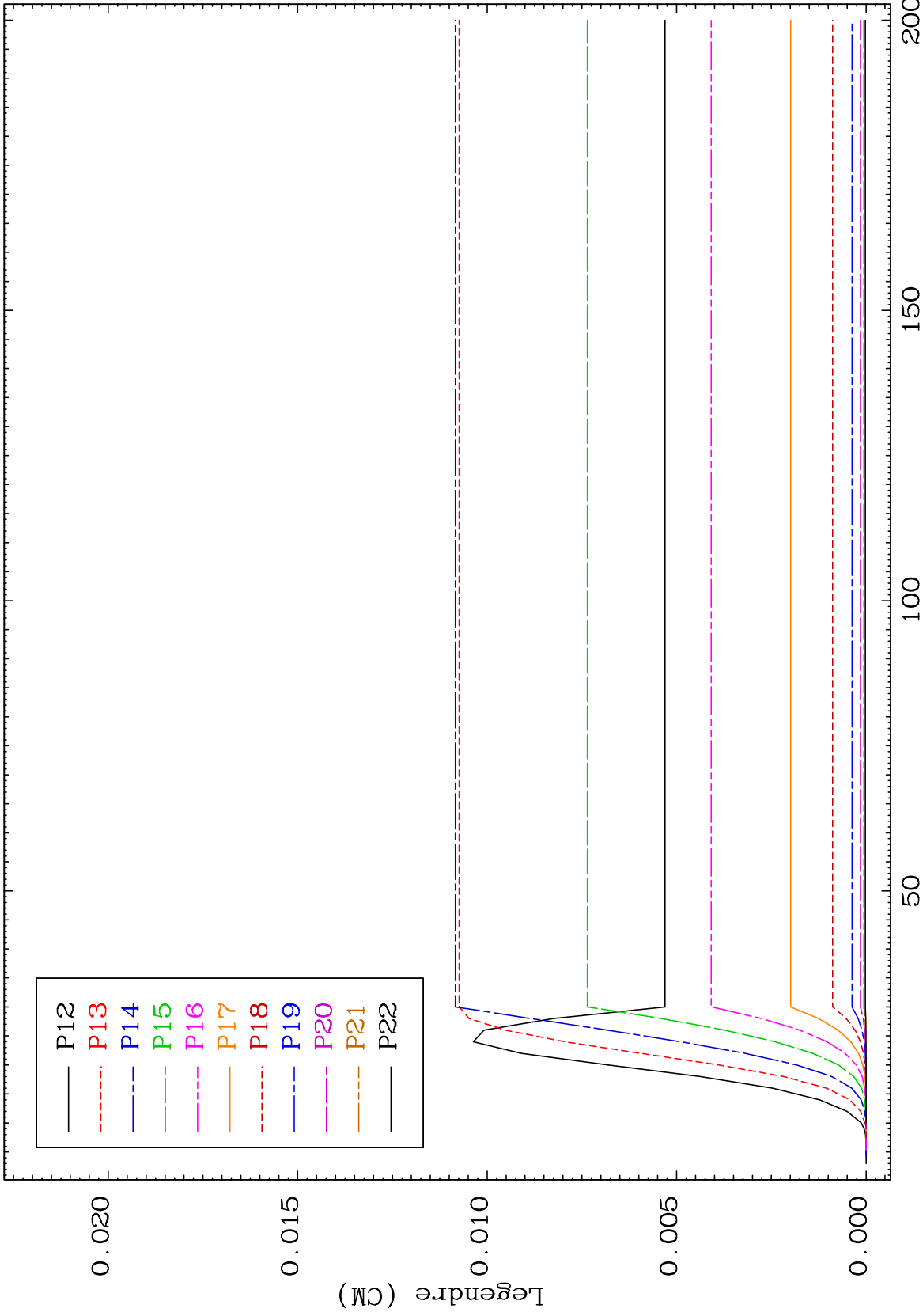
23-V -49



33

Incident Energy (MeV)

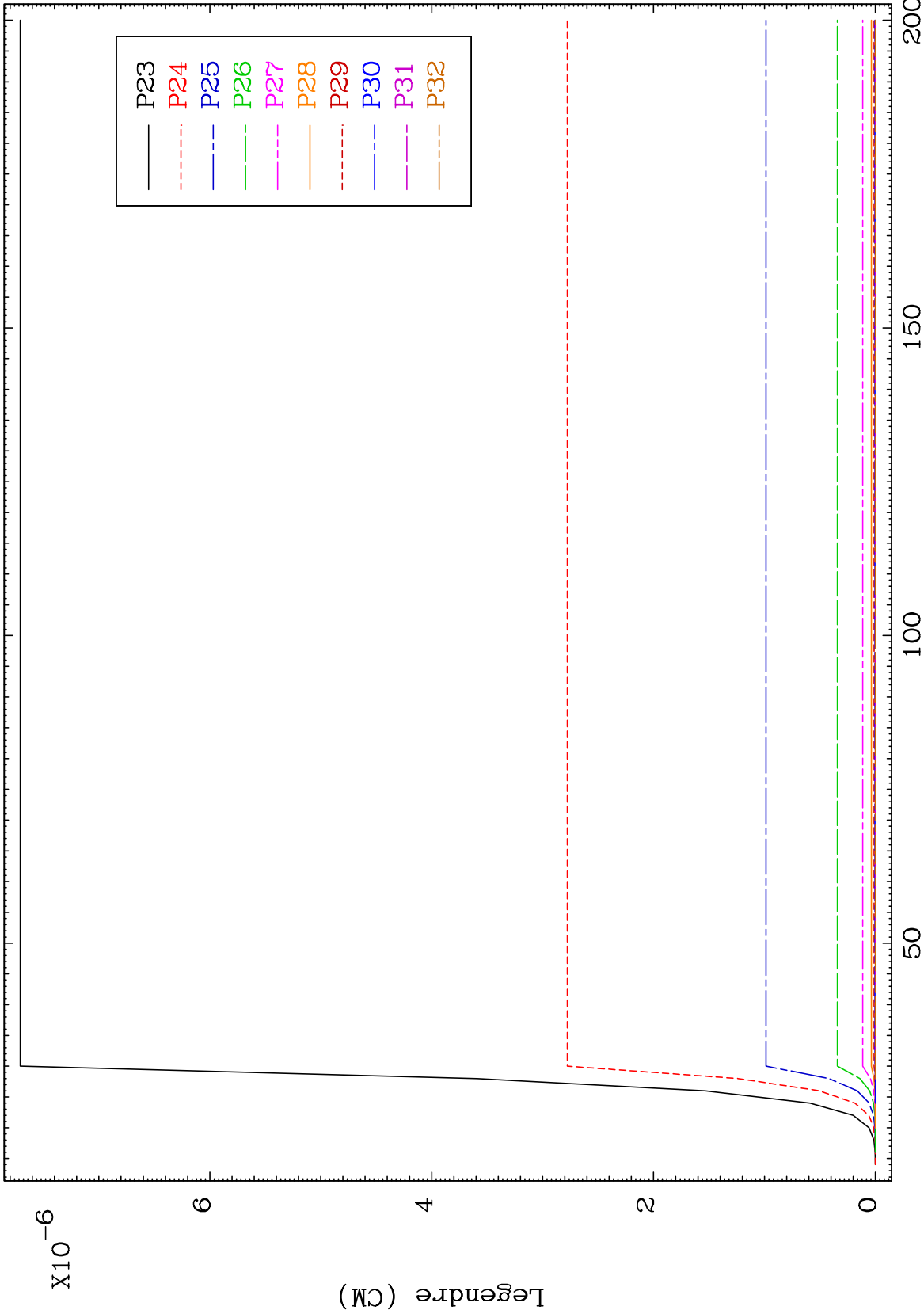
23-V -49



MAT 2322

MT= 56 (n,n') Level  
Legendre Coefficients

23-V -49



35

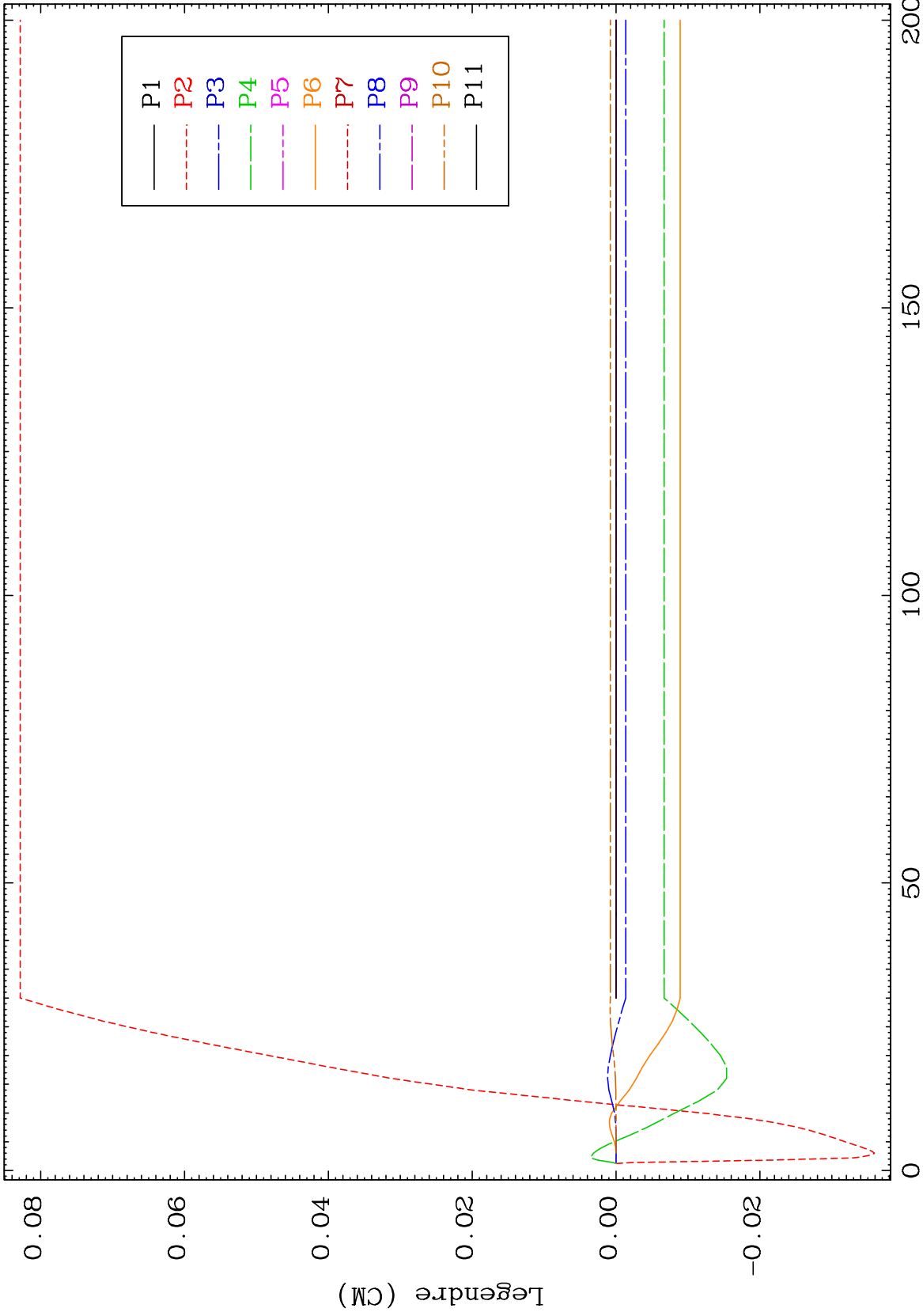
Incident Energy (MeV)

23-V -49

MAT 2322

MT= 57 (n,n') Level  
Legendre Coefficients

23-V -49



36

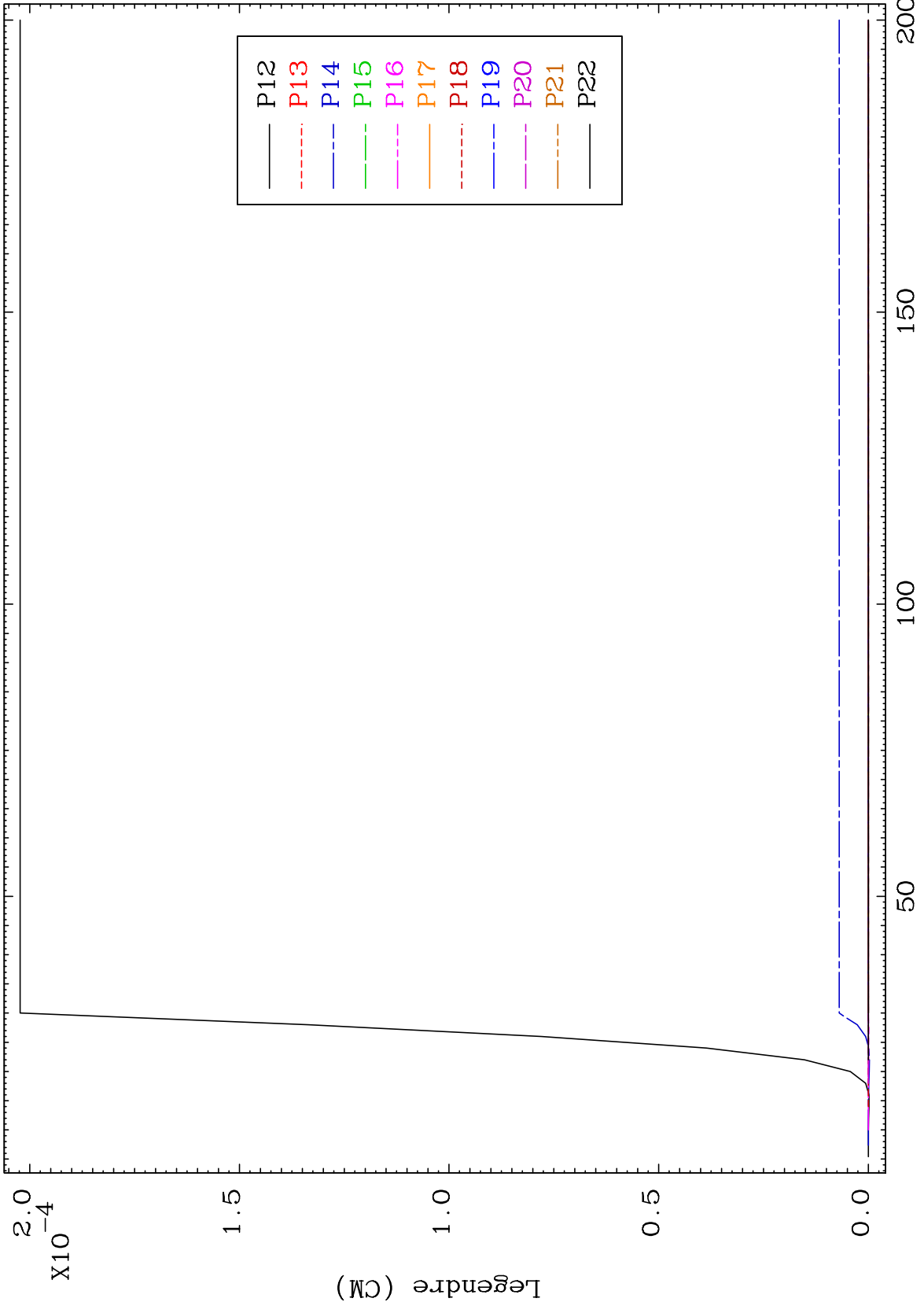
Incident Energy (MeV)

23-V -49

MAT 2322

MT= 57 (n,n') Level  
Legendre Coefficients

23-V -49



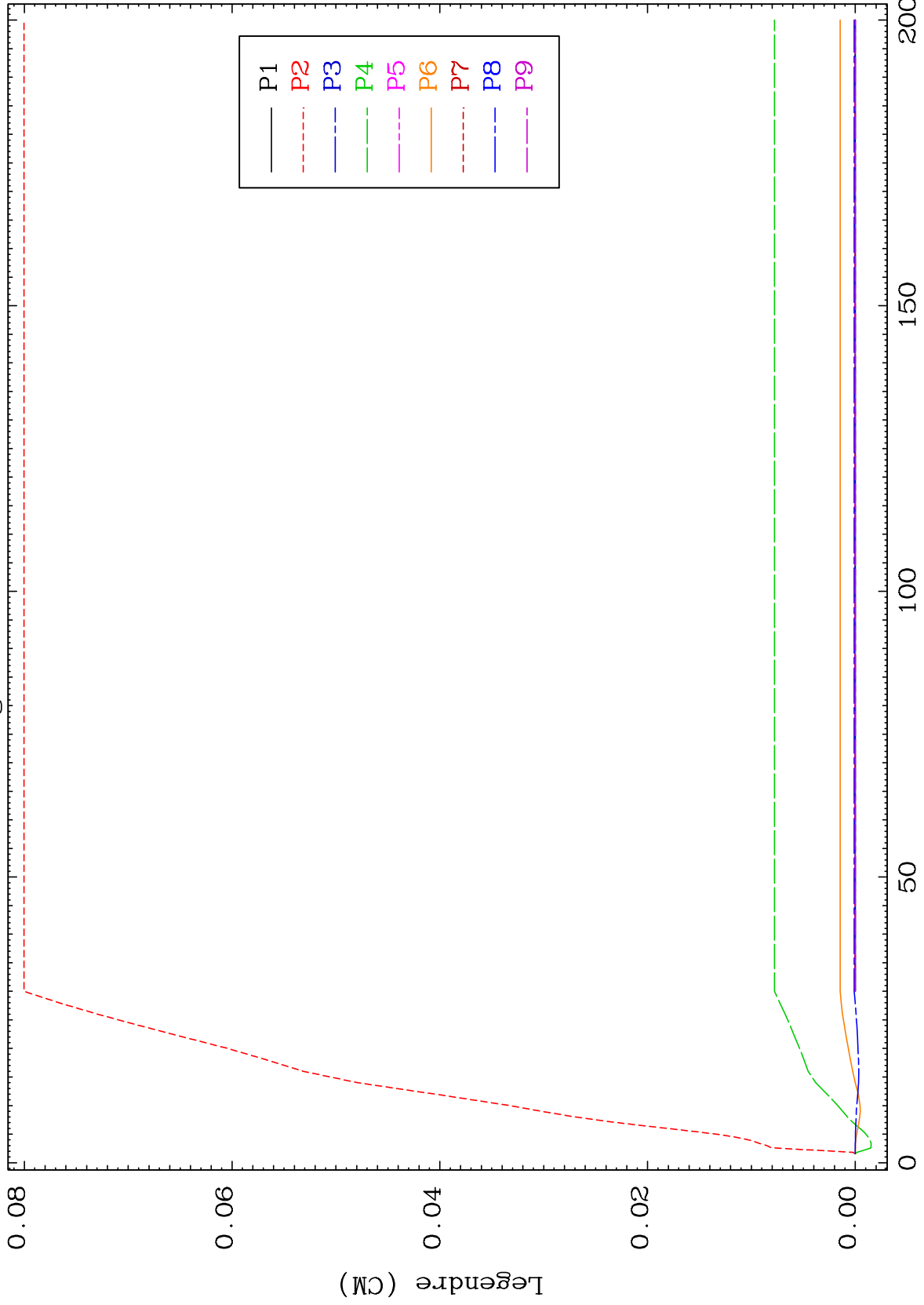
37

Incident Energy (MeV)

23-V -49

MAT 2322 MT= 58 (n,n') Level Legendre Coefficients

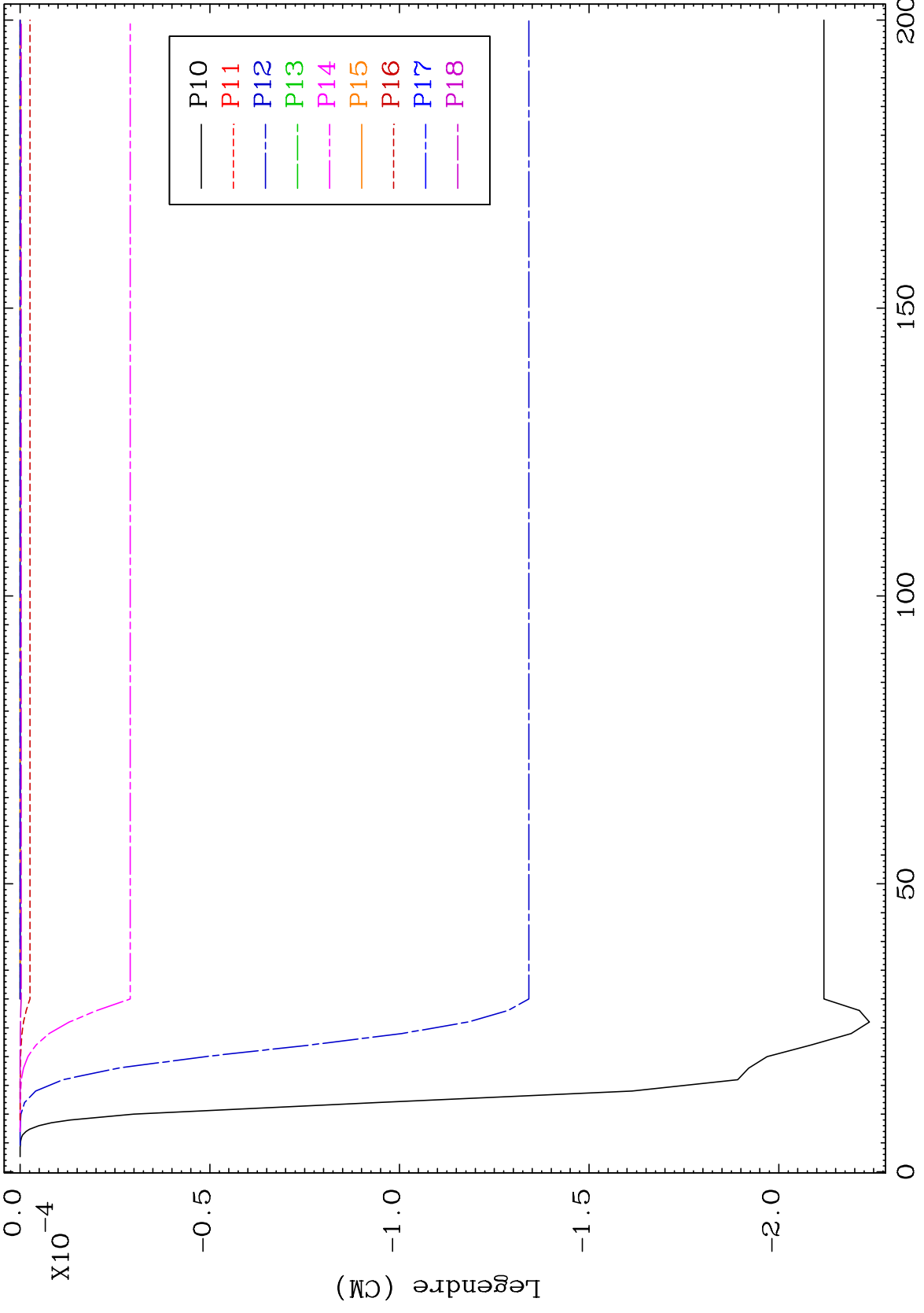
23-V -49



23-V -49

38

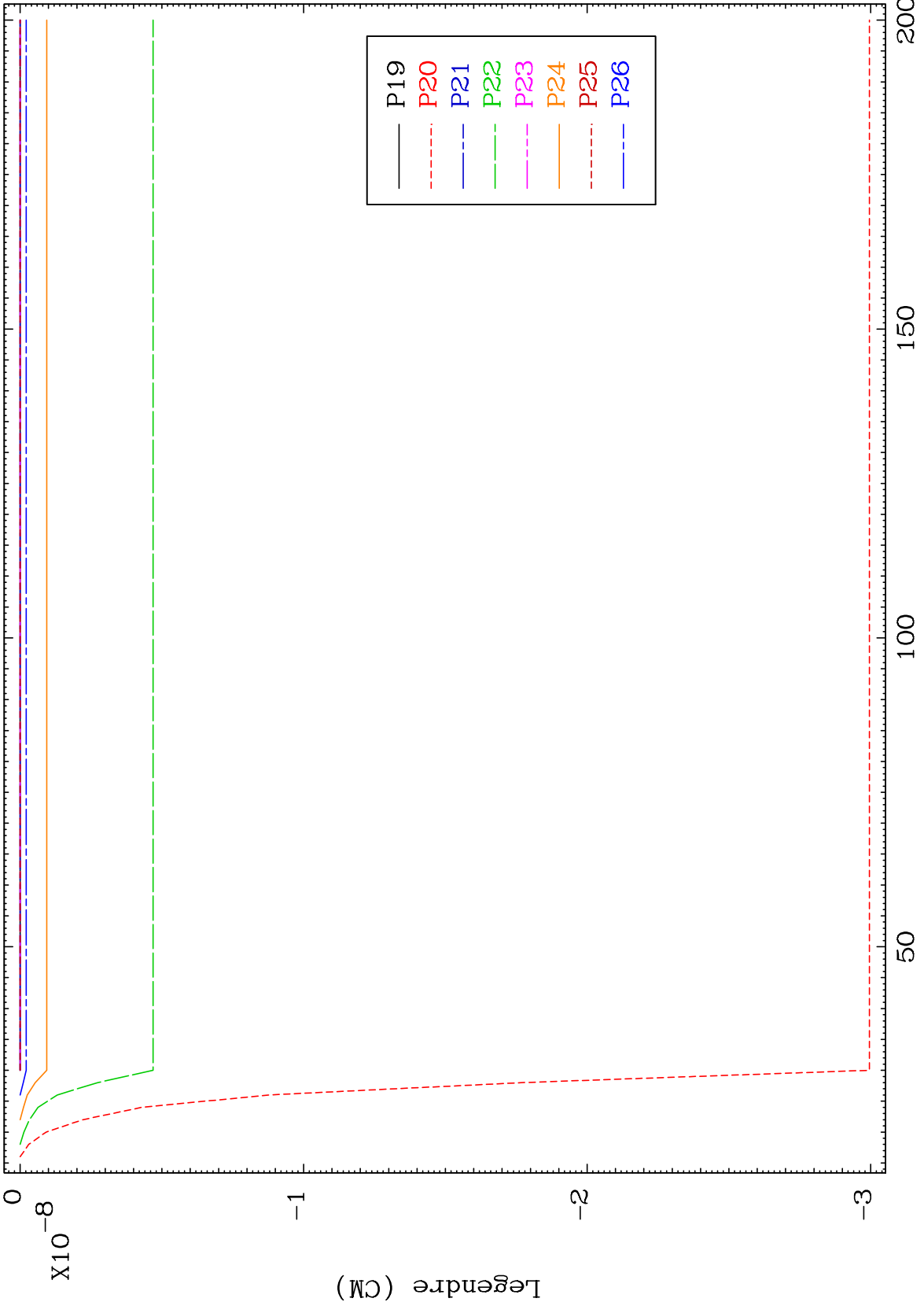
MAT 2322 MT= 58 (n,n') Level Legendre Coefficients 23-V -49



39 Incident Energy (MeV) 23-V -49



MAT 2322 MT= 58 (n,n') Level Legendre Coefficients 23-V -49

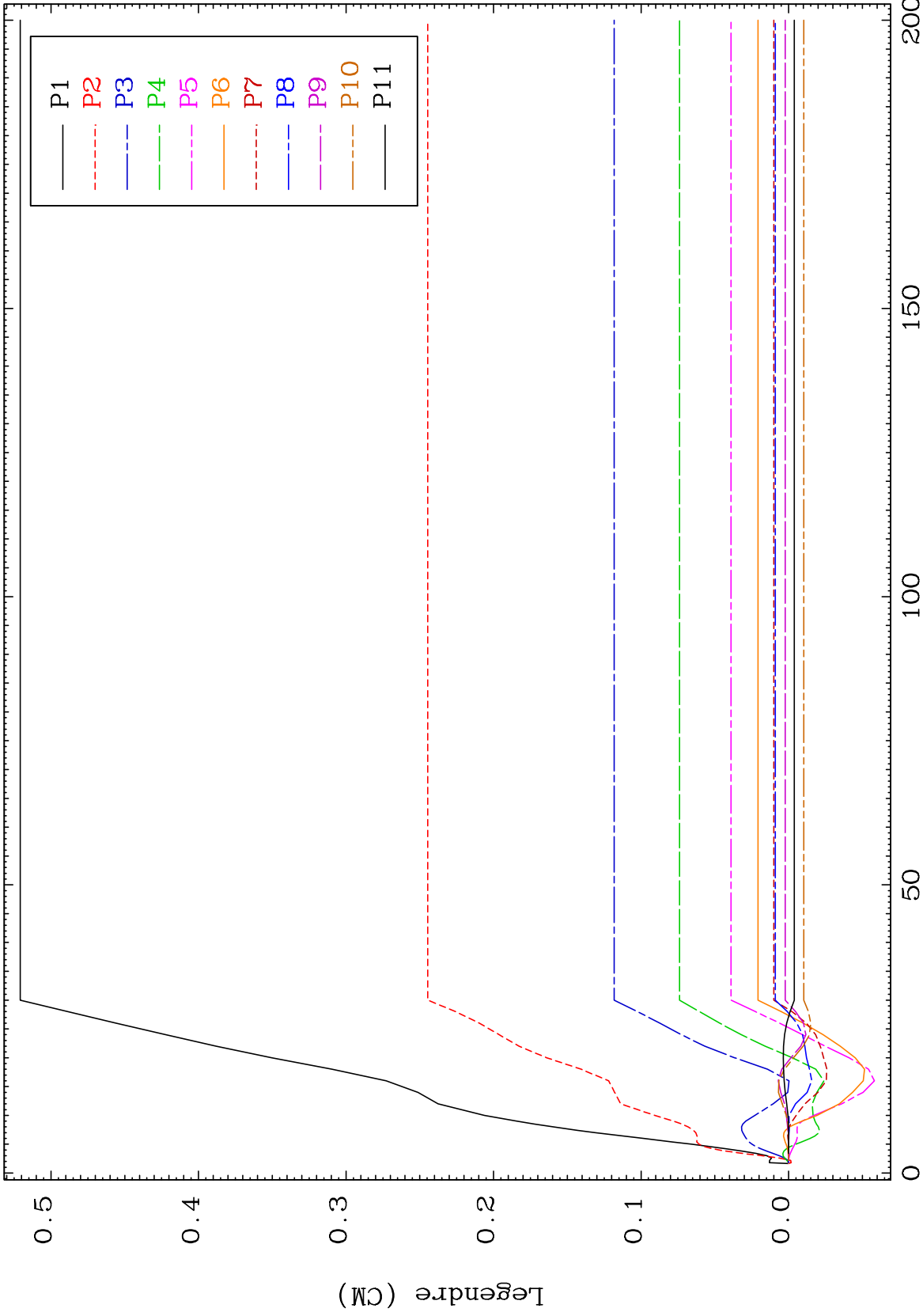


40 Incident Energy (MeV) 23-V -49

MAT 2322

MT= 59 (n,n') Level  
Legendre Coefficients

23-V -49



41

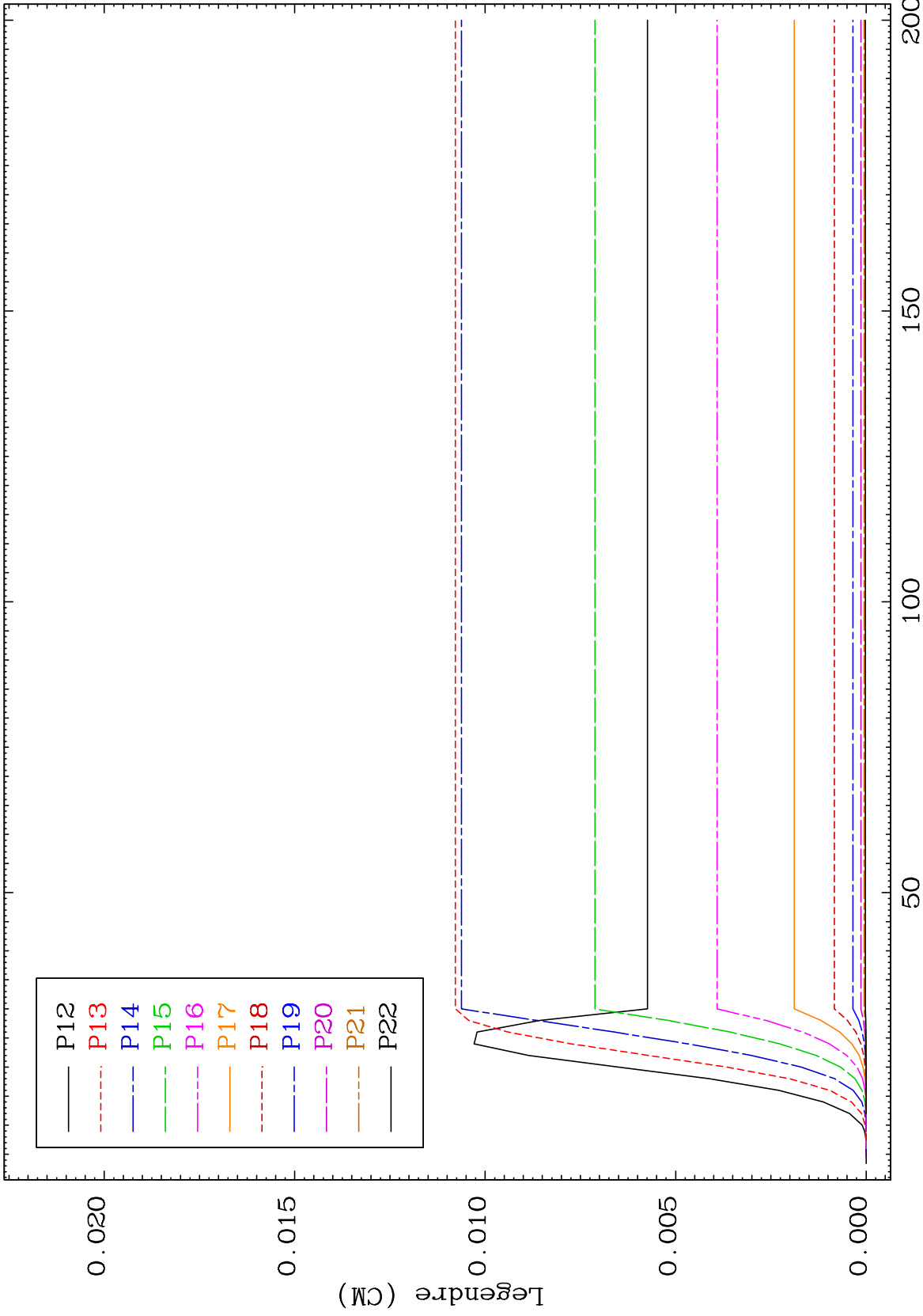
Incident Energy (MeV)

23-V -49

MAT 2322

MT= 59 (n,n') Level  
Legendre Coefficients

23-V -49



42

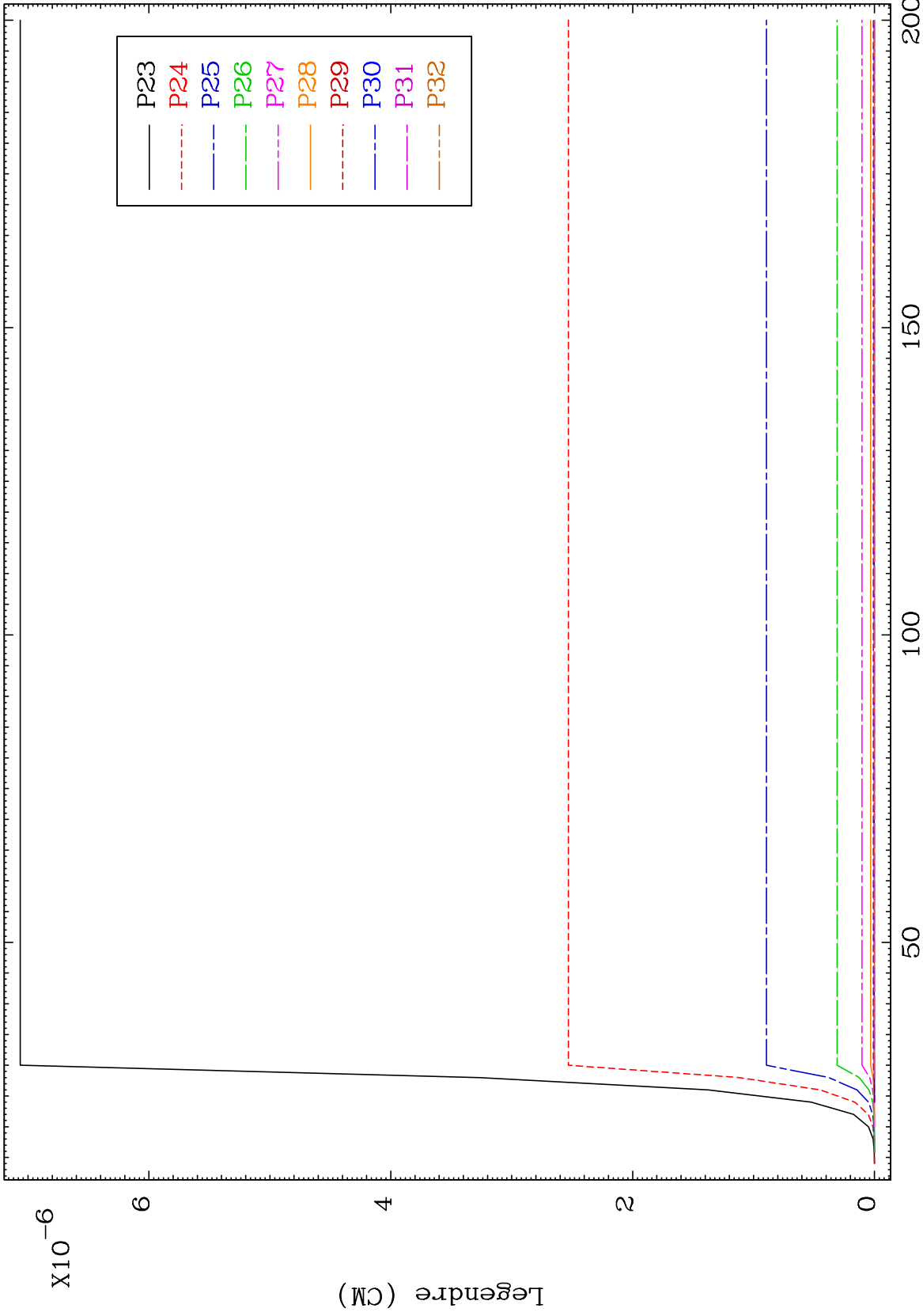
Incident Energy (MeV)

23-V -49

MAT 2322

MT= 59 (n,n') Level  
Legendre Coefficients

23-V -49



43

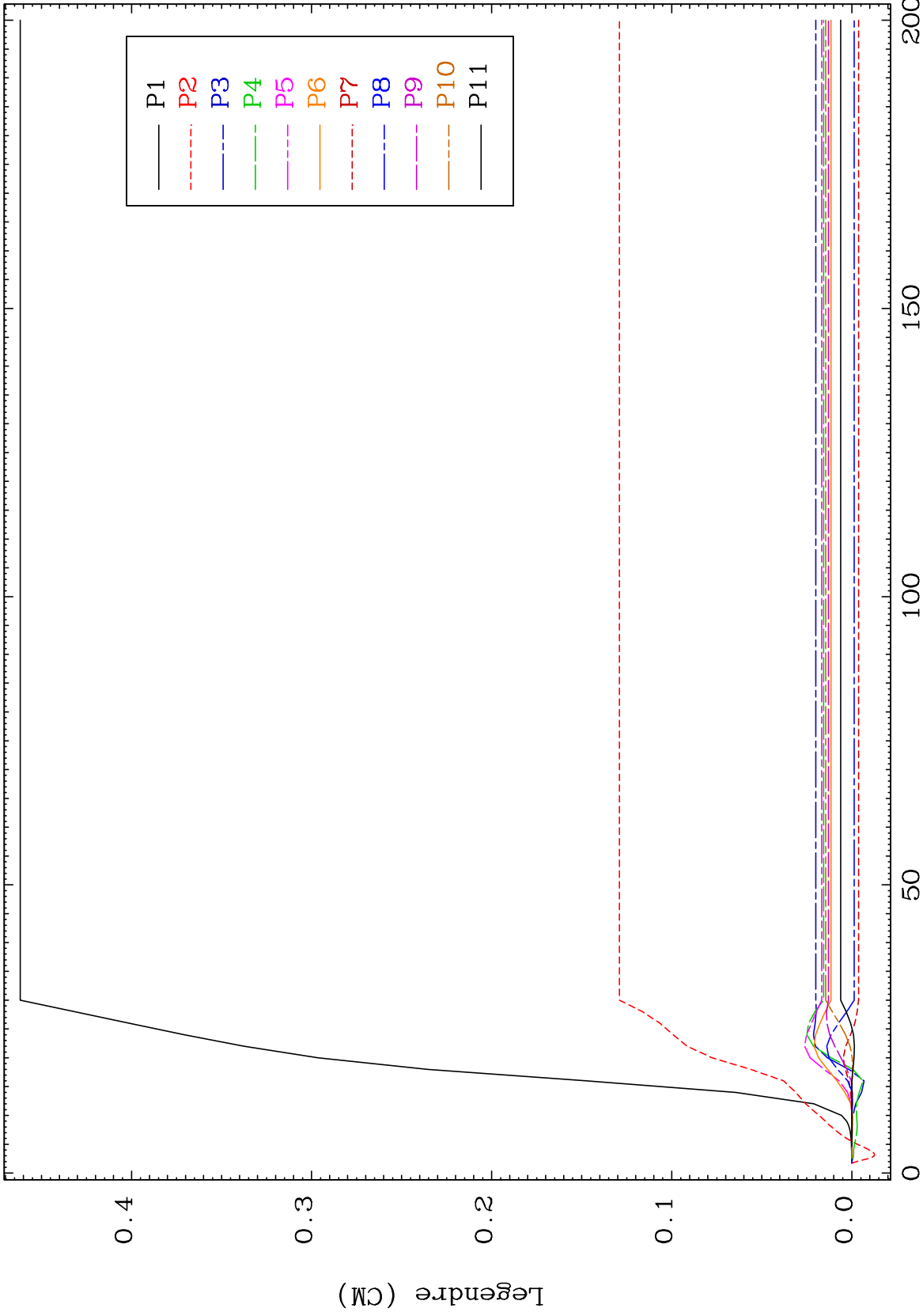
Incident Energy (MeV)

23-V -49

MAT 2322

MT= 60 (n,n') Level  
Legendre Coefficients

23-V -49



44

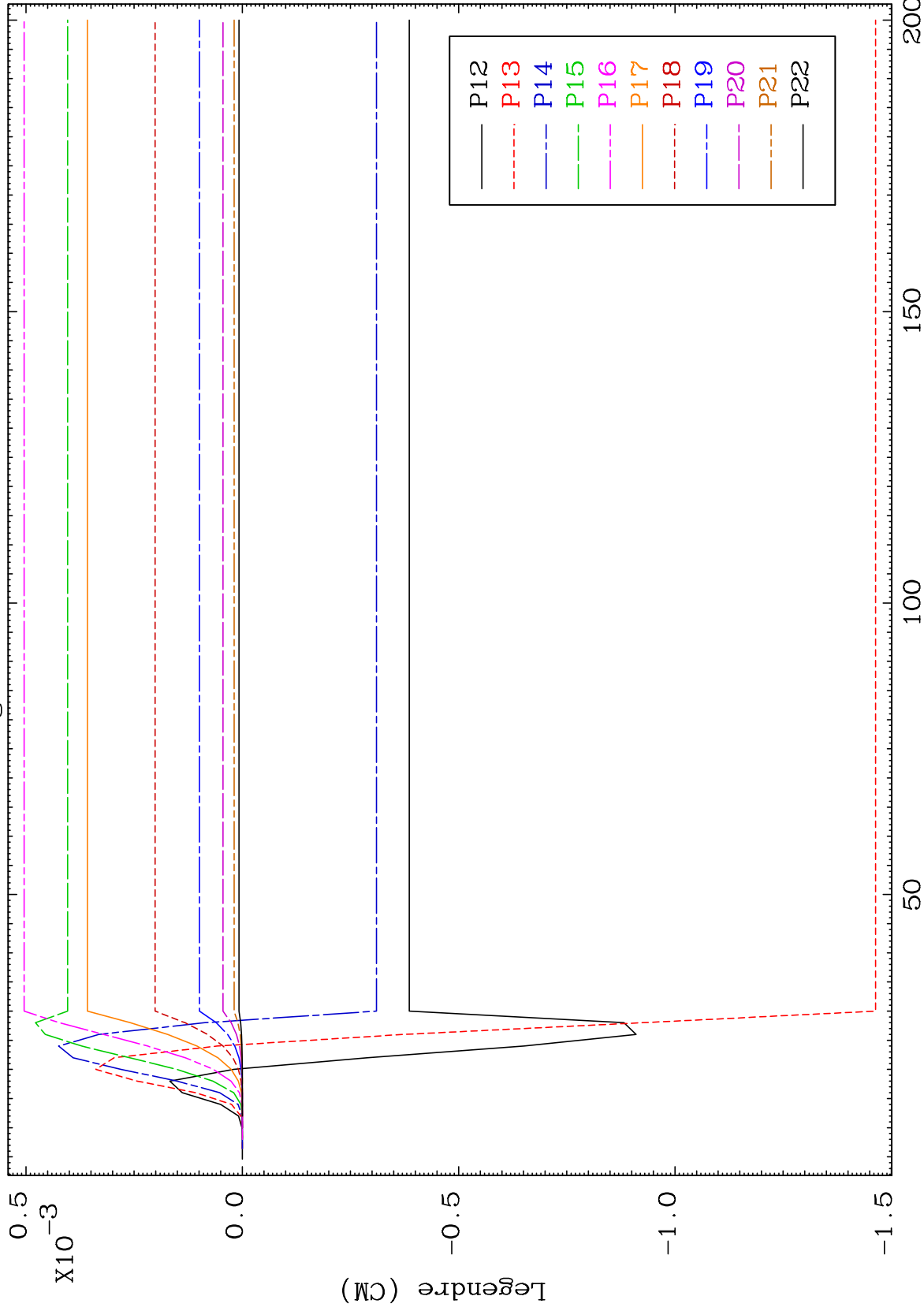
Incident Energy (MeV)

23-V -49

MAT 2322

MT= 60 (n,n') Level  
Legendre Coefficients

23-V -49



45

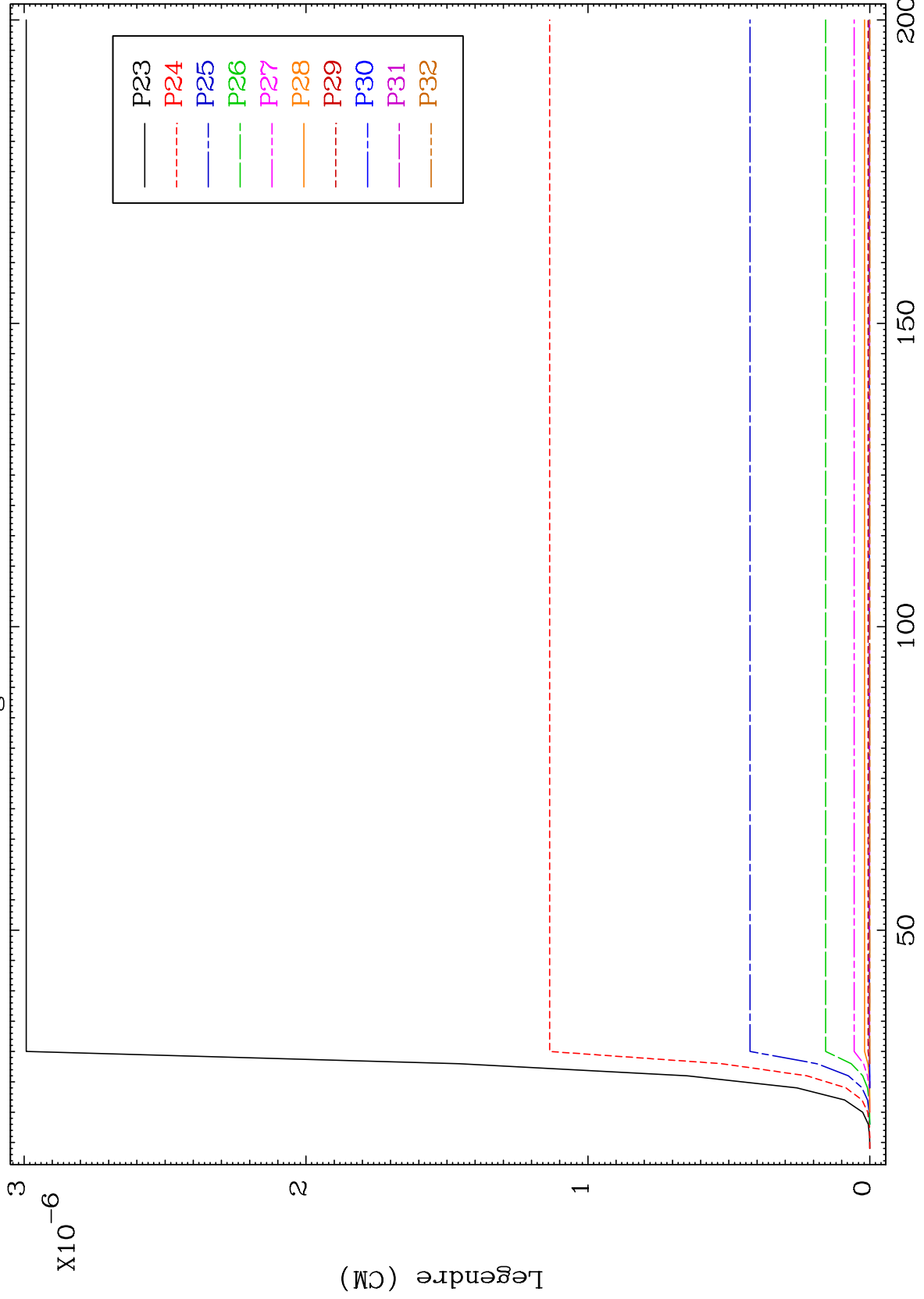
Incident Energy (MeV)

23-V -49

MAT 2322

MT= 60 (n,n') Level  
Legendre Coefficients

23-V -49

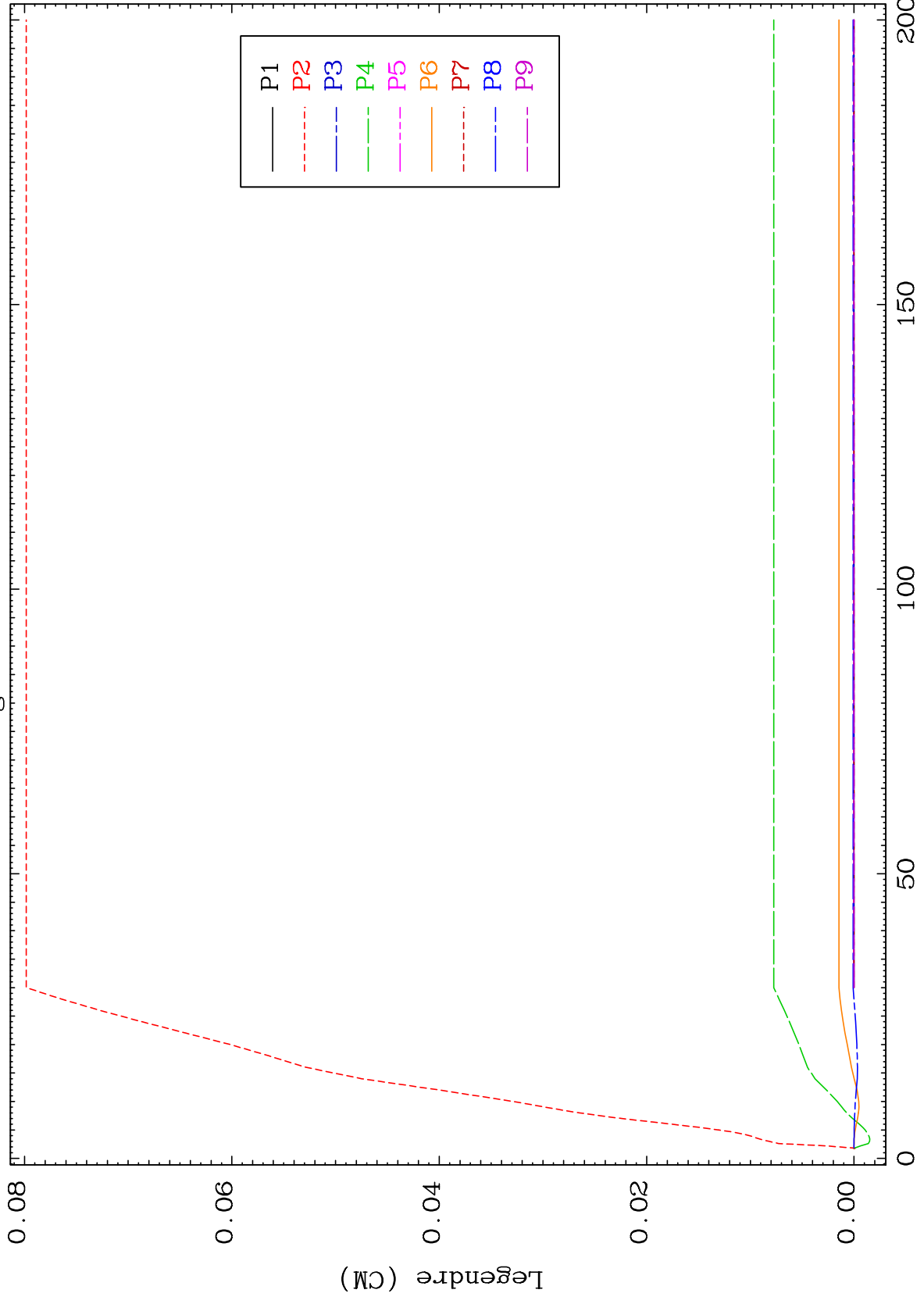


46

Incident Energy (MeV)

23-V -49

MAT 2322 MT= 61 (n,n') Level Legendre Coefficients 23-V -49



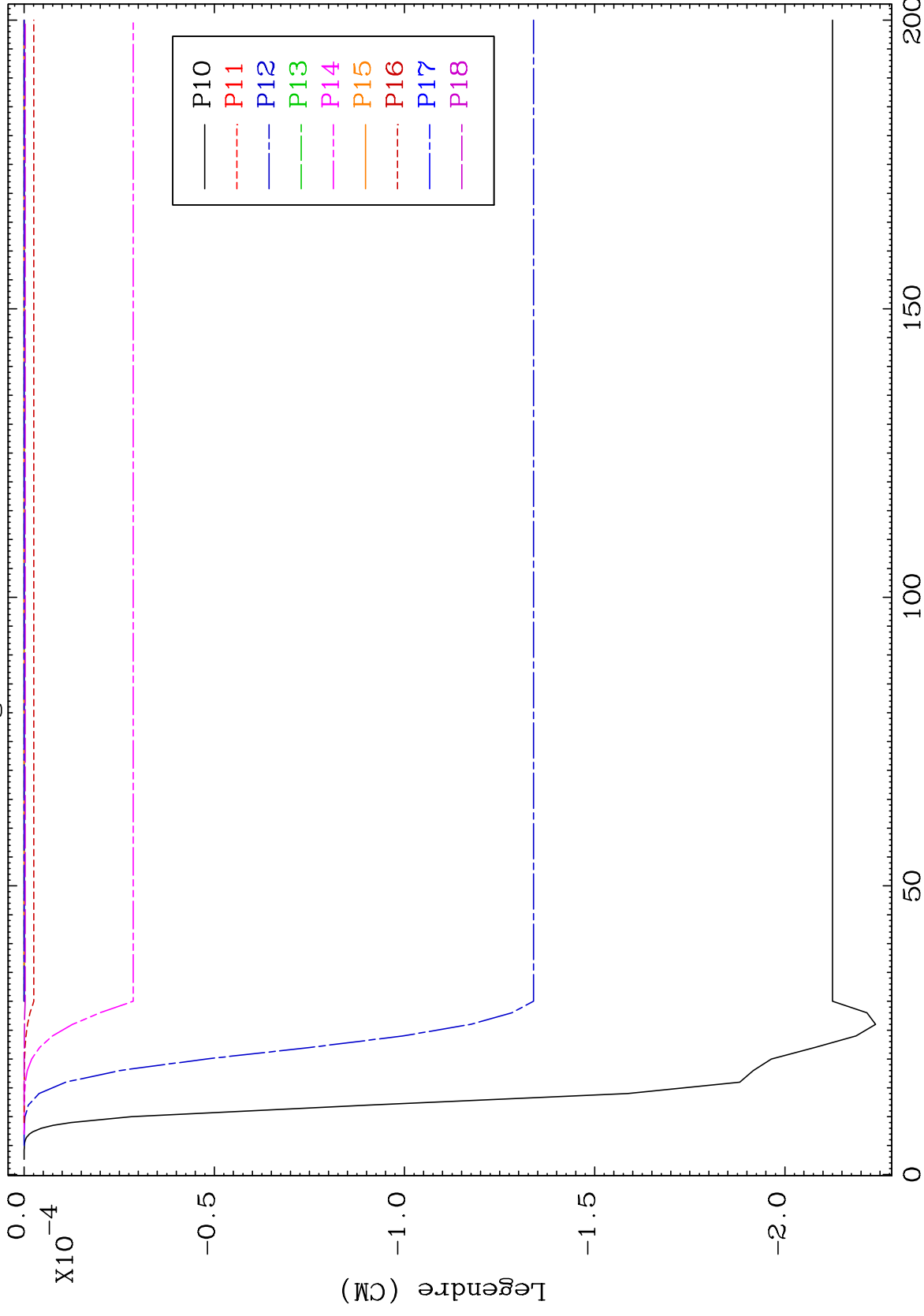
47 23-V -49



MAT 2322

MT= 61 (n,n') Level  
Legendre Coefficients

23-V -49

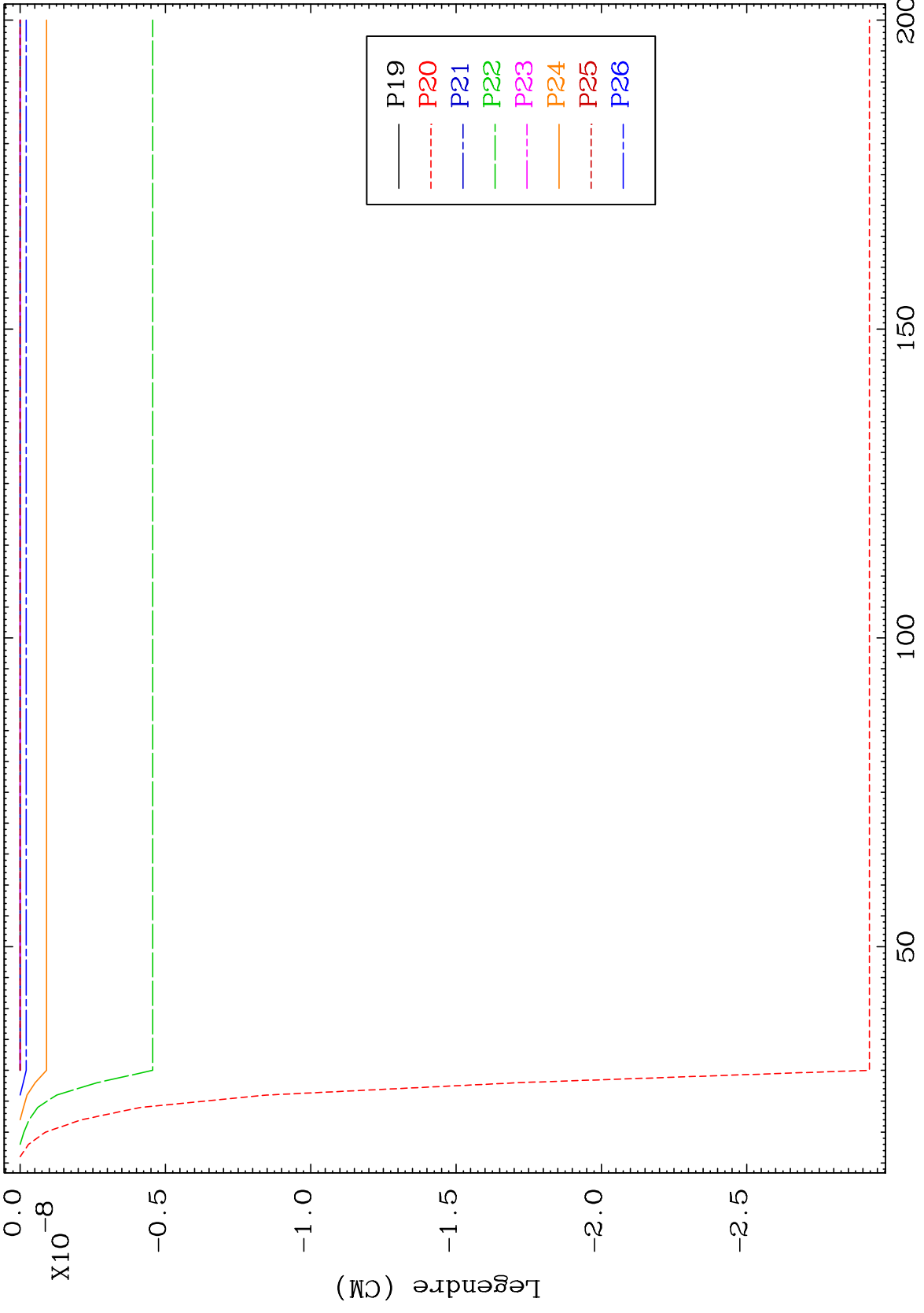


48

Incident Energy (MeV)

23-V -49

MAT 2322 MT= 61 (n,n') Level Legendre Coefficients 23-V -49

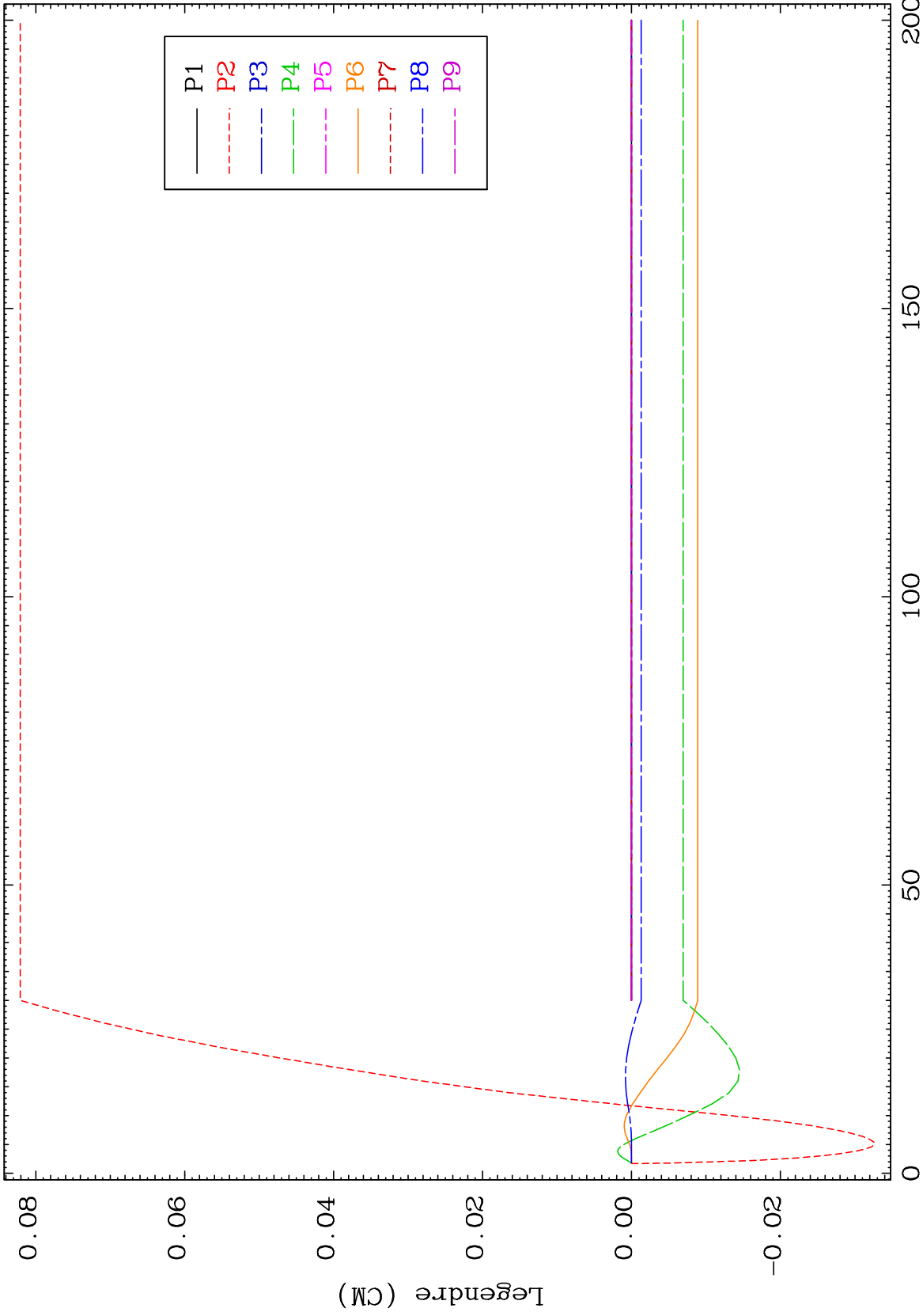


49 Incident Energy (MeV) 23-V -49

MAT 2322

MT= 62 (n,n') Level  
Legendre Coefficients

23-V -49



23-V -49

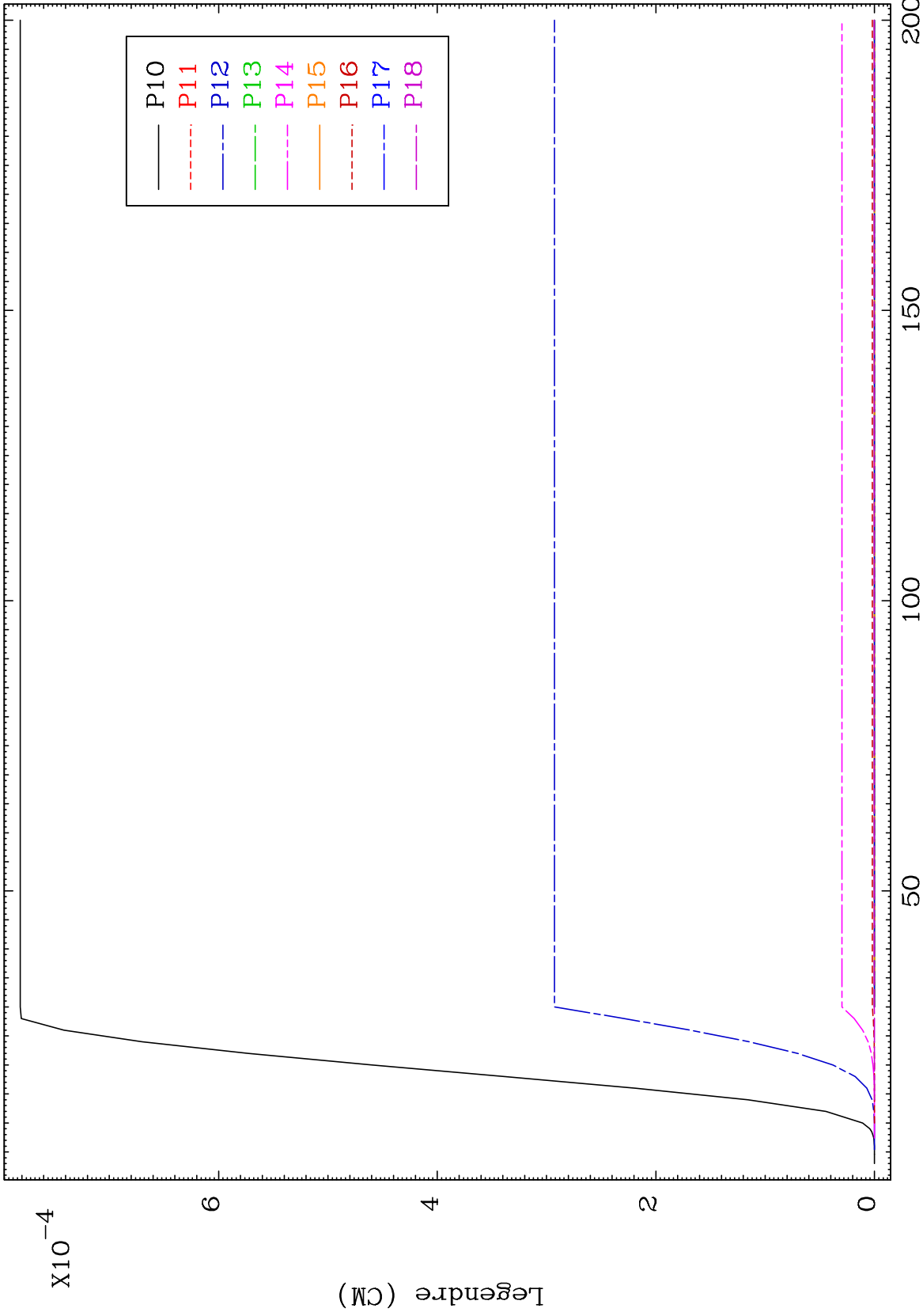
Incident Energy (MeV)

50

MAT 2322

MT= 62 (n,n') Level  
Legendre Coefficients

23-V -49

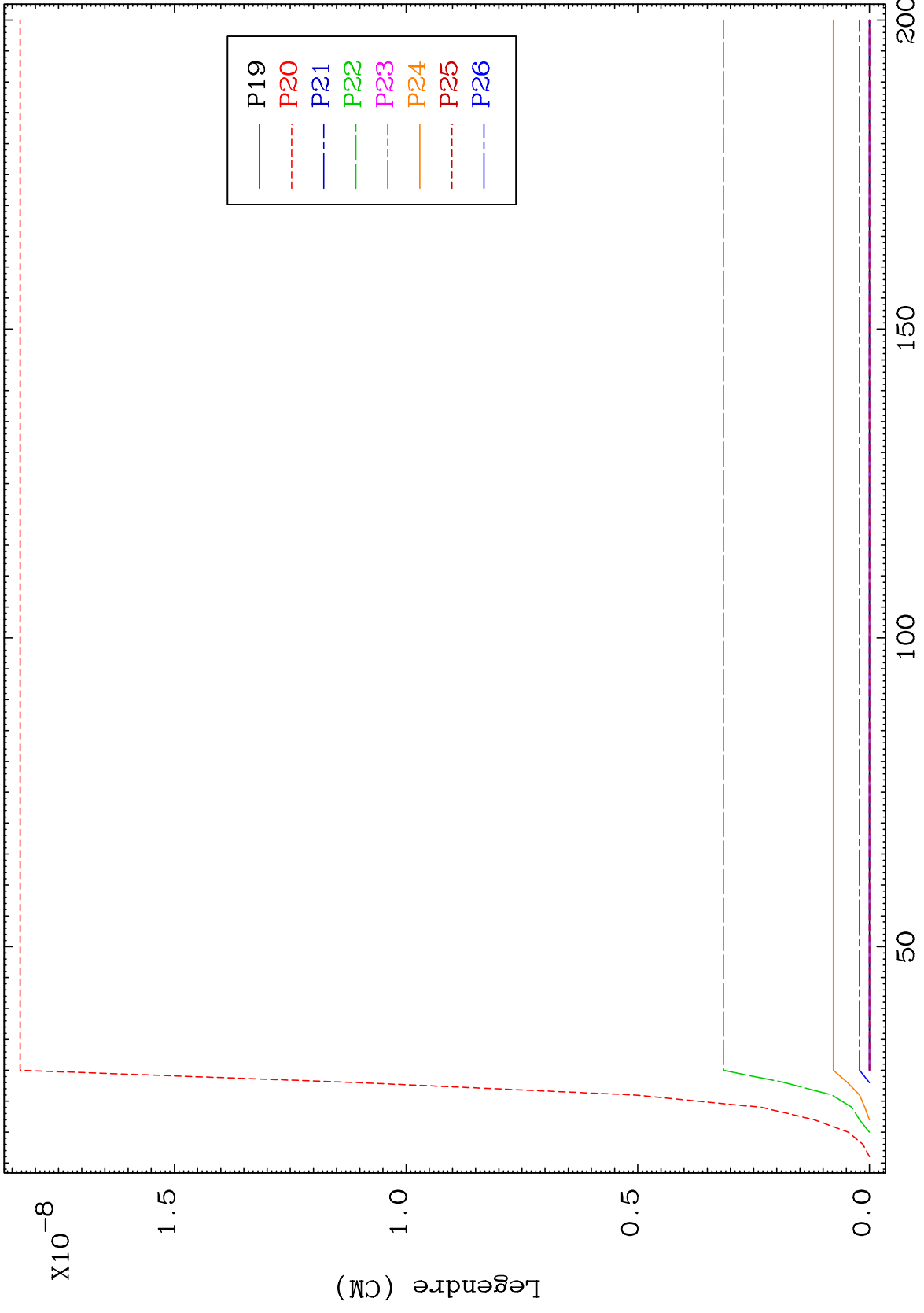


51

Incident Energy (MeV)

23-V -49

MAT 2322 MT= 62 (n,n') Level Legendre Coefficients 23-V -49

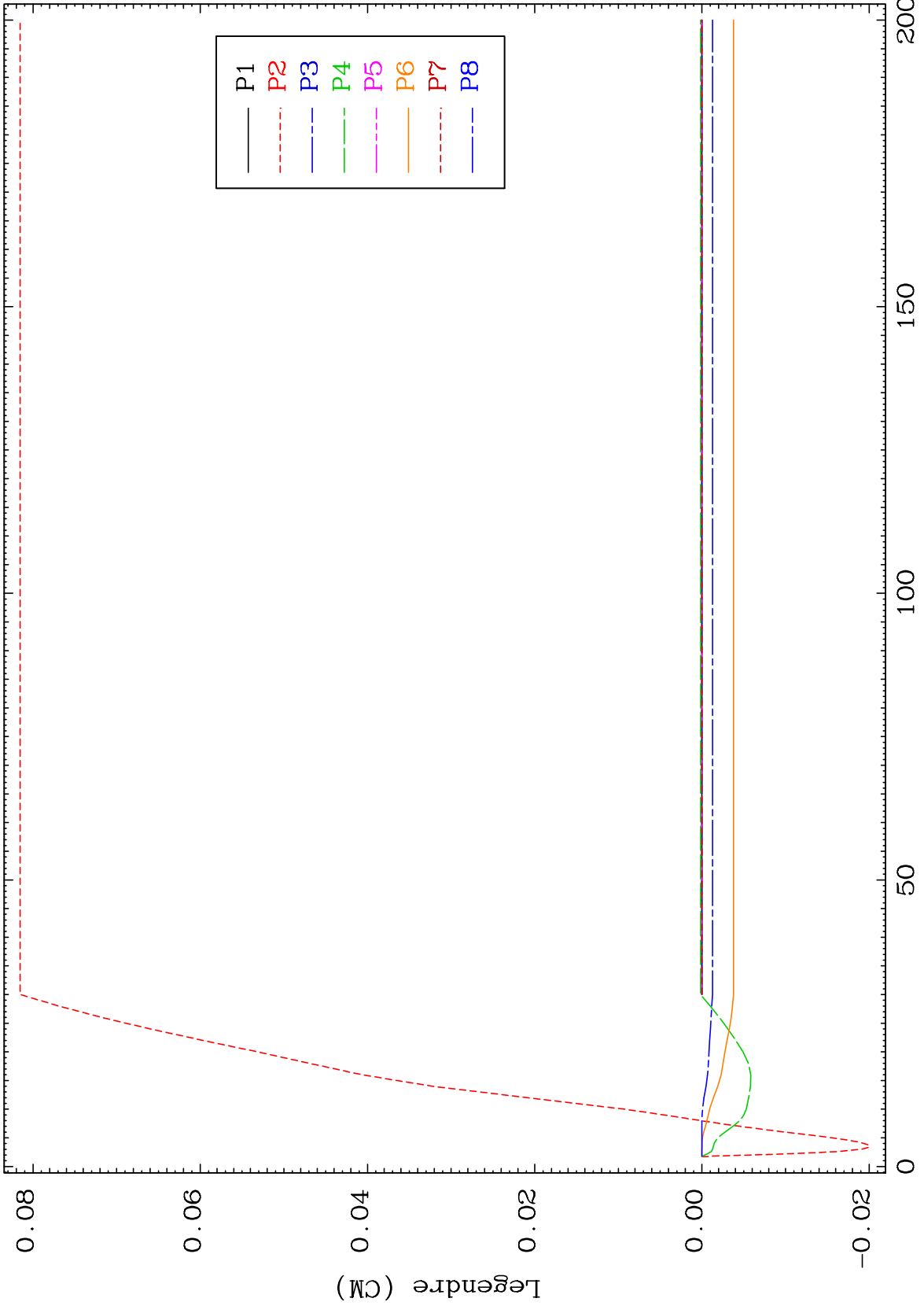


52 23-V -49

MAT 2322

MT= 63 (n,n') Level  
Legendre Coefficients

23-V -49



53

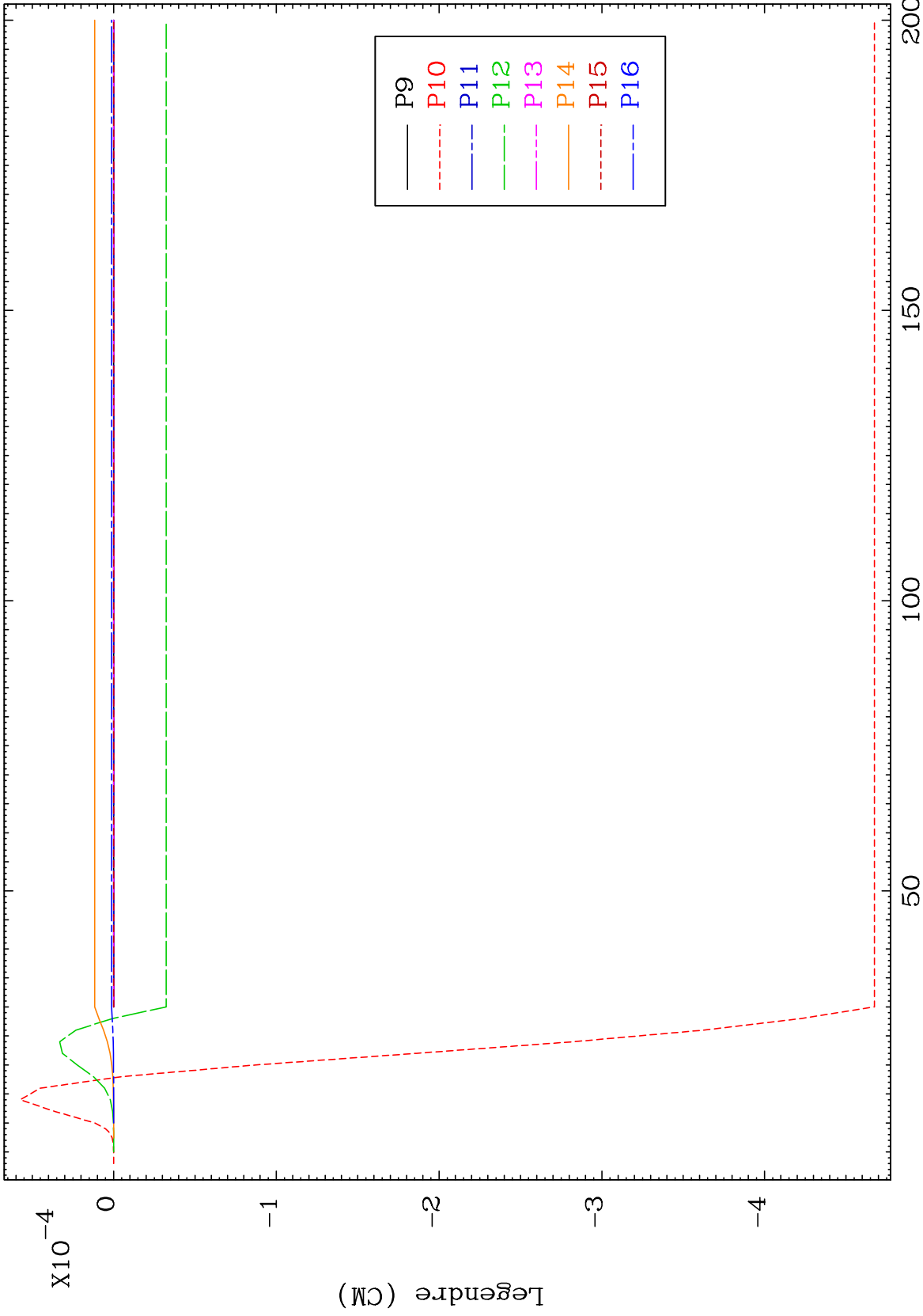
Incident Energy (MeV)

23-V -49

MAT 2322

MT= 63 (n,n') Level  
Legendre Coefficients

23-V -49



54

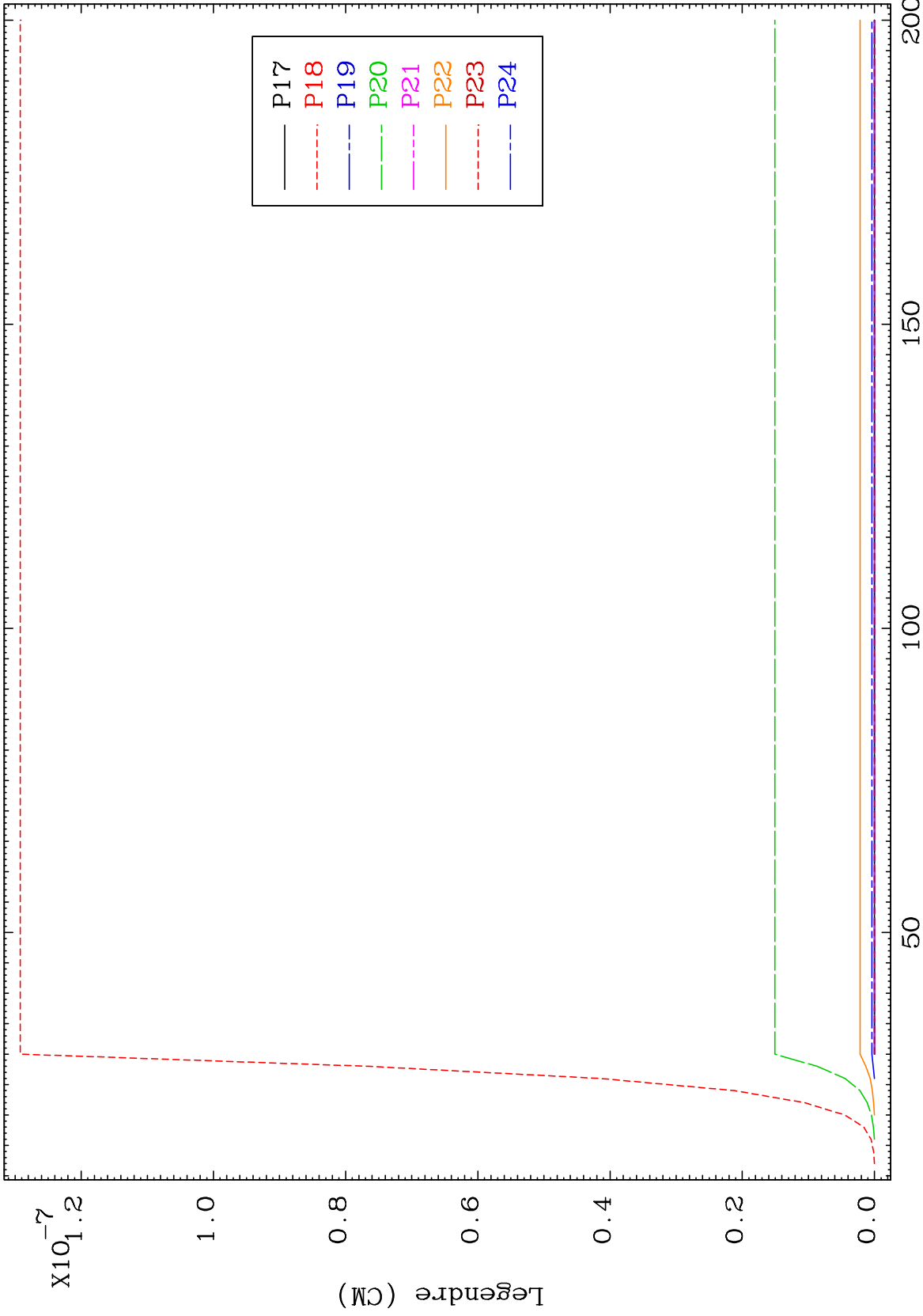
Incident Energy (MeV)

23-V -49

MAT 2322

MT= 63 (n,n') Level  
Legendre Coefficients

23-V -49



23-V -49

Incident Energy (MeV)

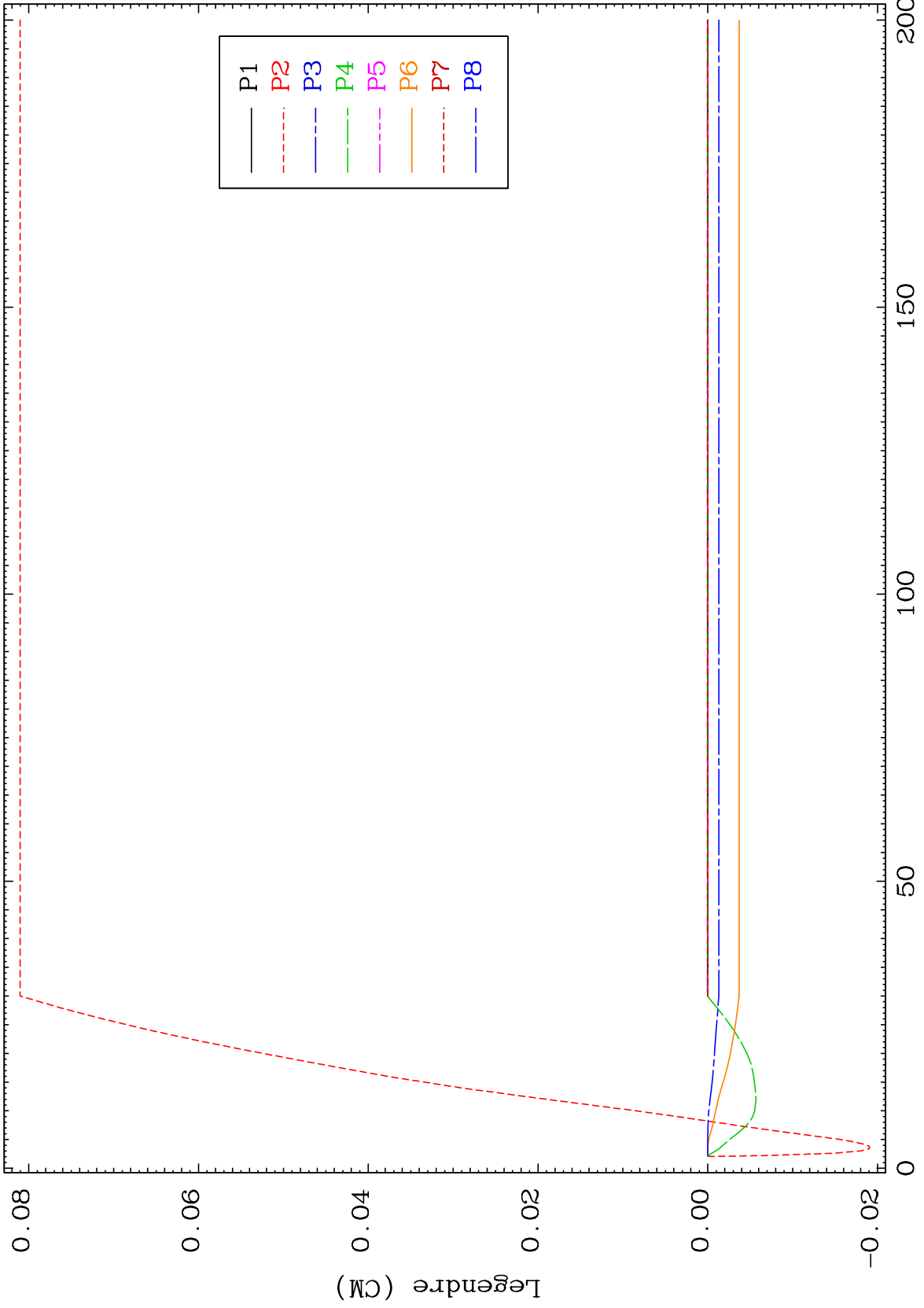
55



MAT 2322

MT= 64 (n,n') Level  
Legendre Coefficients

23-V -49

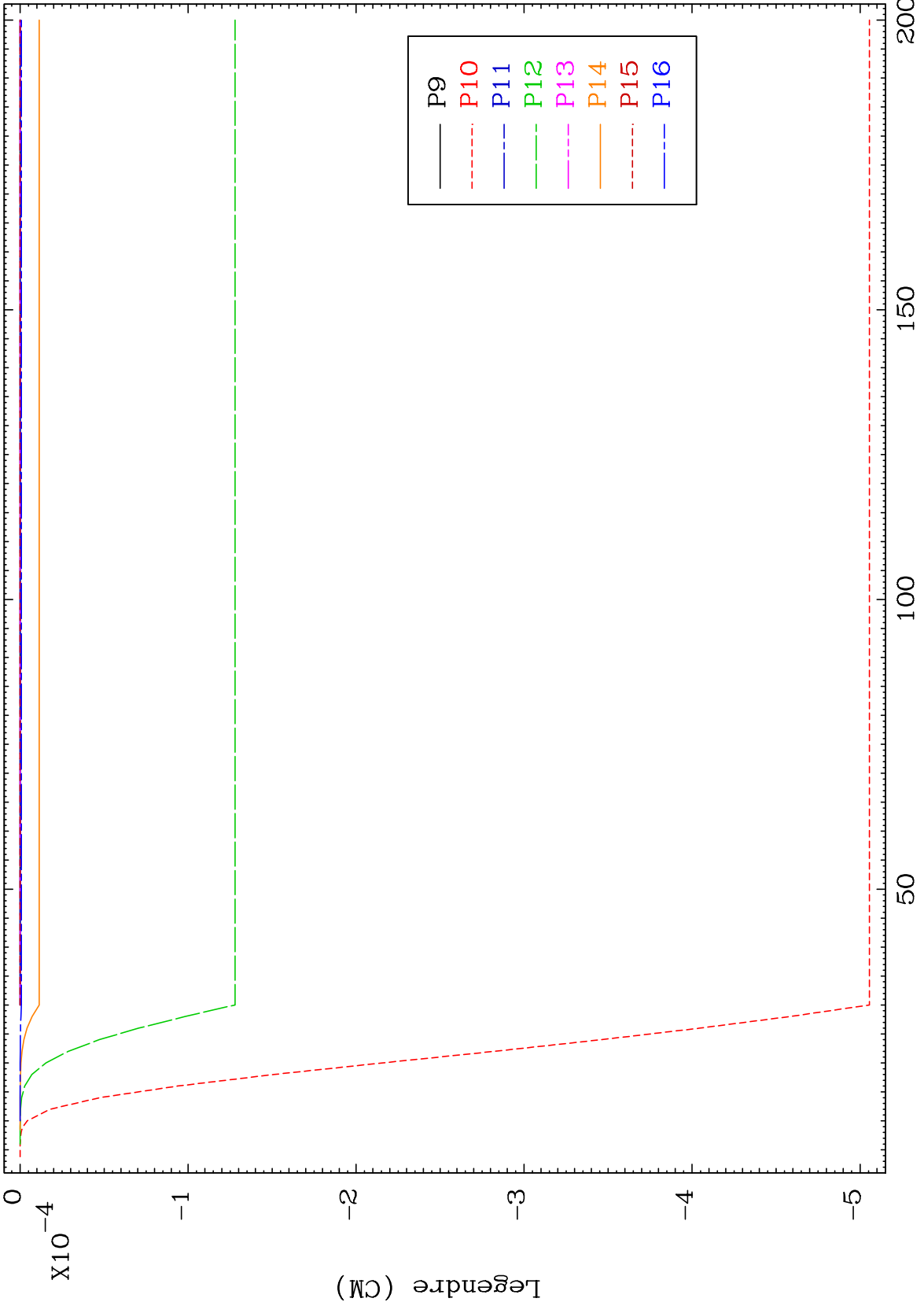


56

Incident Energy (MeV)

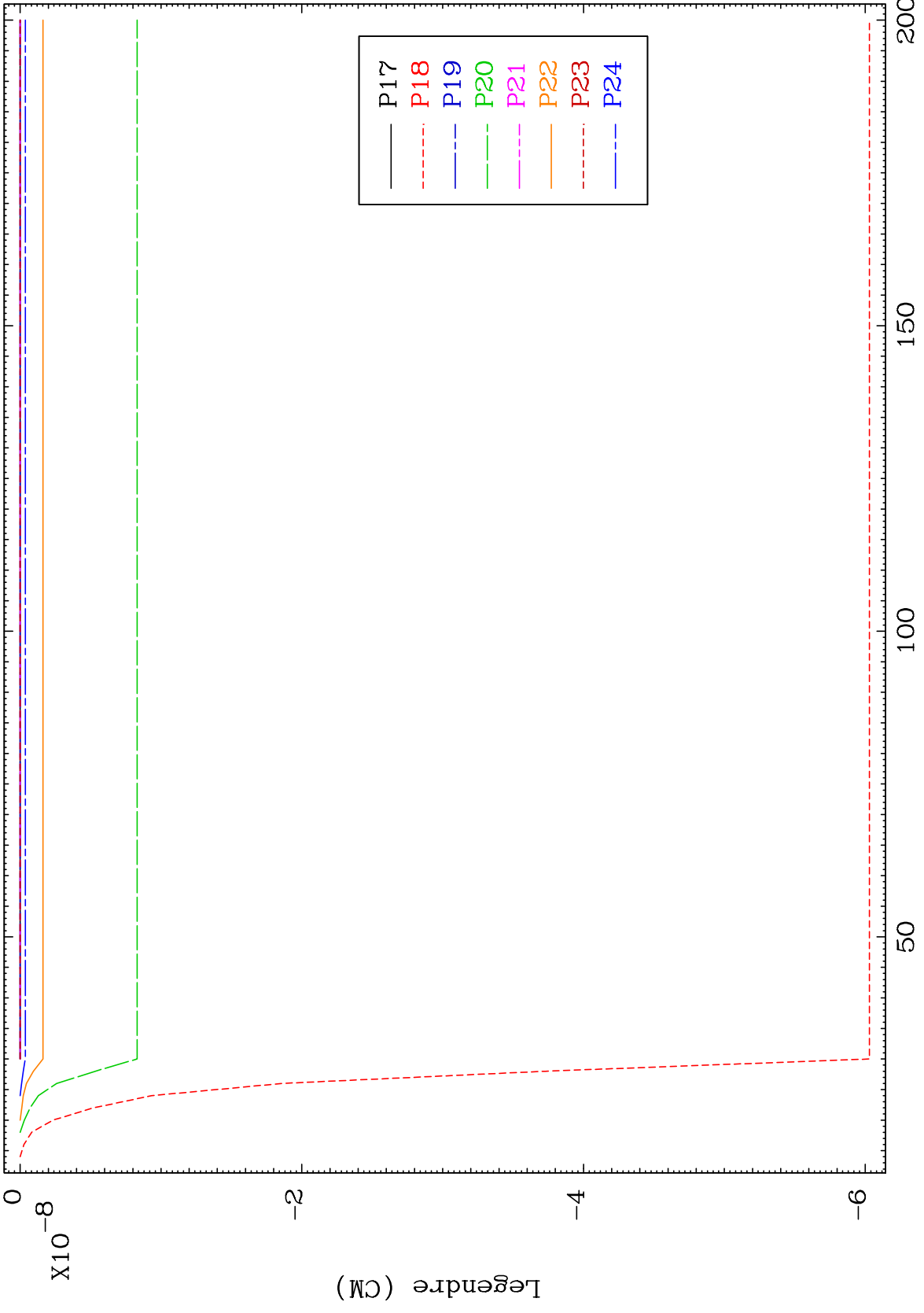
23-V -49

MAT 2322 MT= 64 (n,n') Level Legendre Coefficients 23-V -49



57 Incident Energy (MeV) 23-V -49

MAT 2322 MT= 64 (n,n') Level Legendre Coefficients 23-V -49

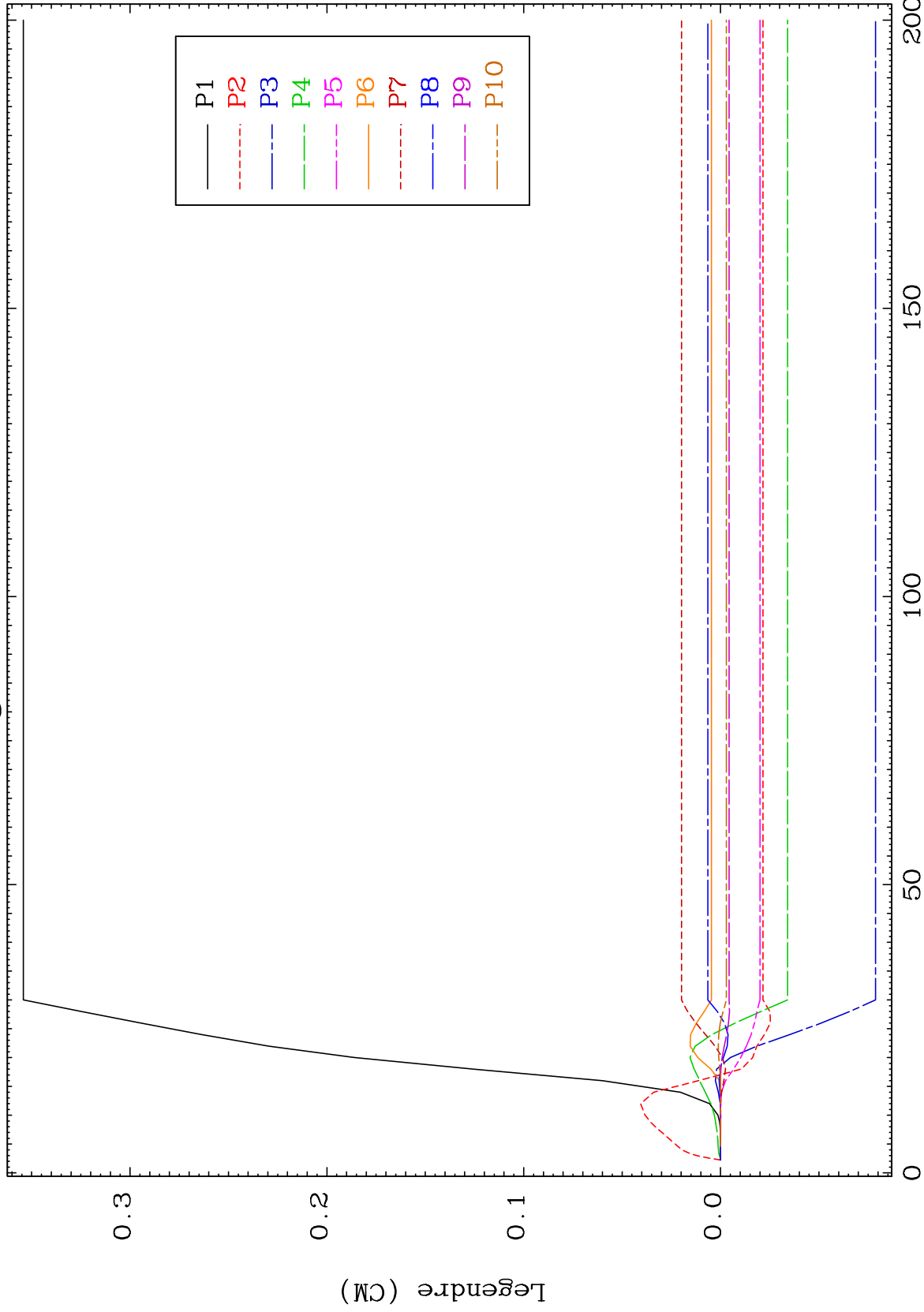


58 23-V -49

MAT 2322

MT= 65 (n,n') Level  
Legendre Coefficients

23-V -49

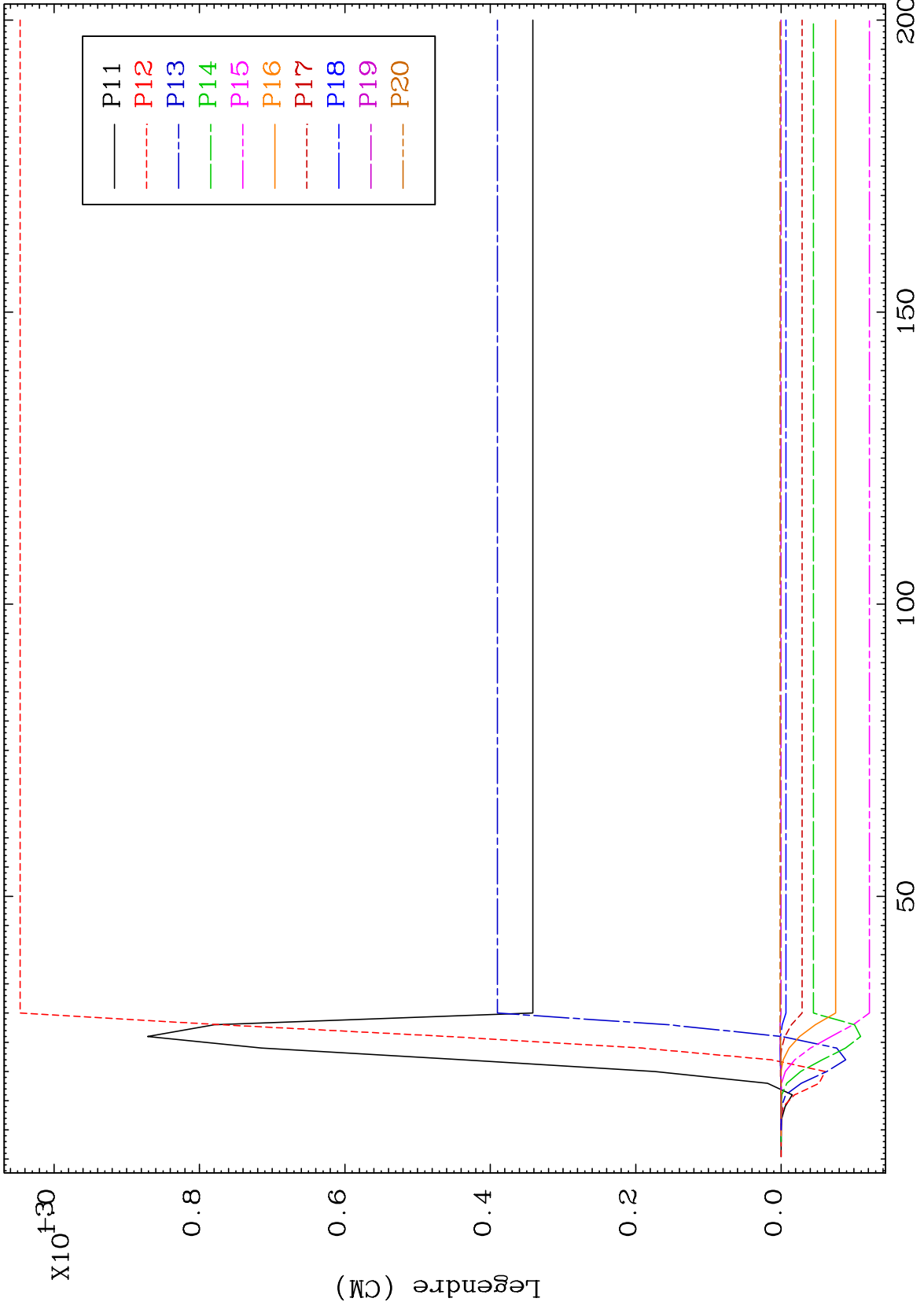


59

Incident Energy (MeV)

23-V -49

MAT 2322 MT= 65 (n,n') Level Legendre Coefficients 23-V -49

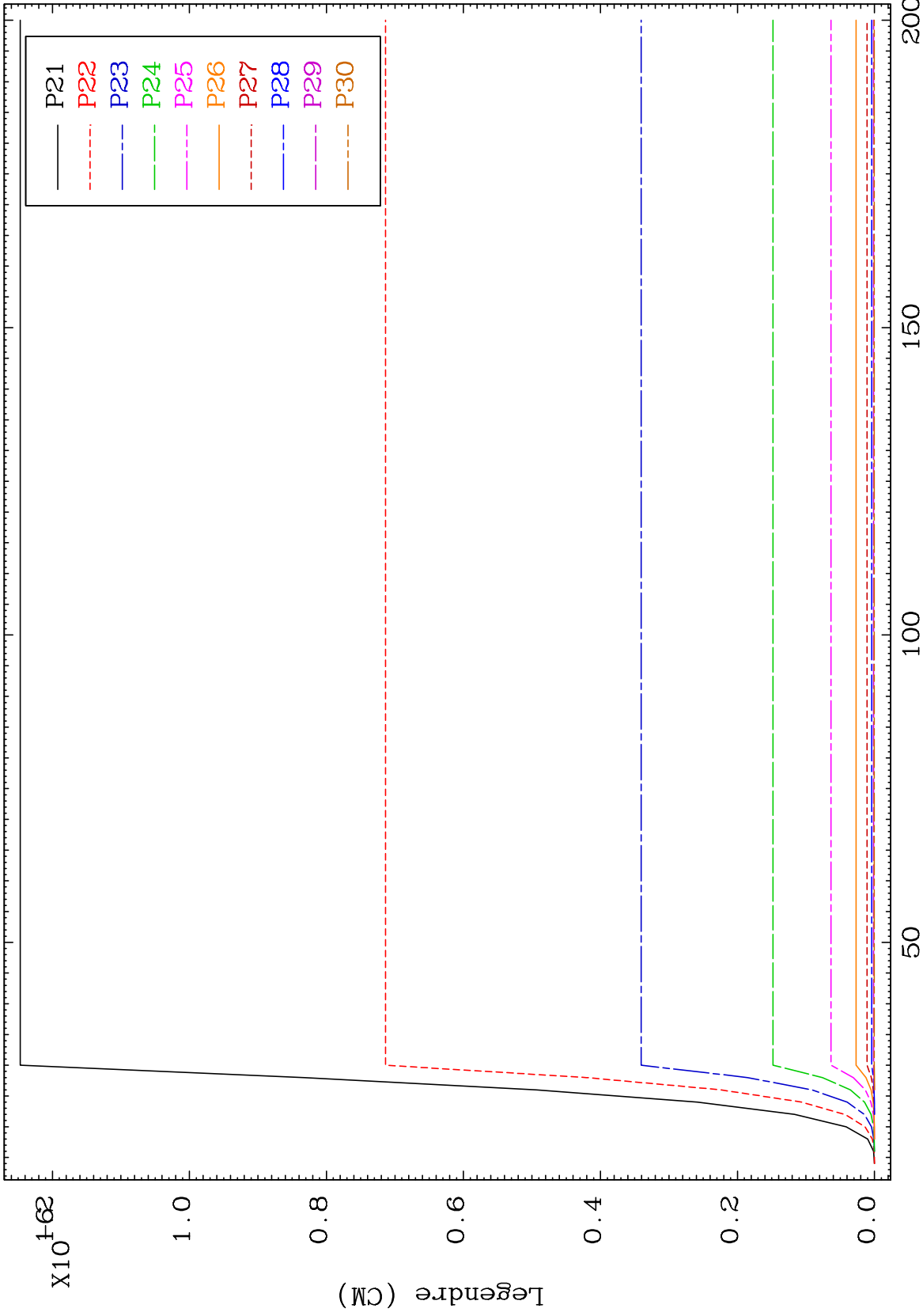


60 Incident Energy (MeV) 23-V -49

MAT 2322

MT= 65 (n,n') Level  
Legendre Coefficients

23-V -49



61

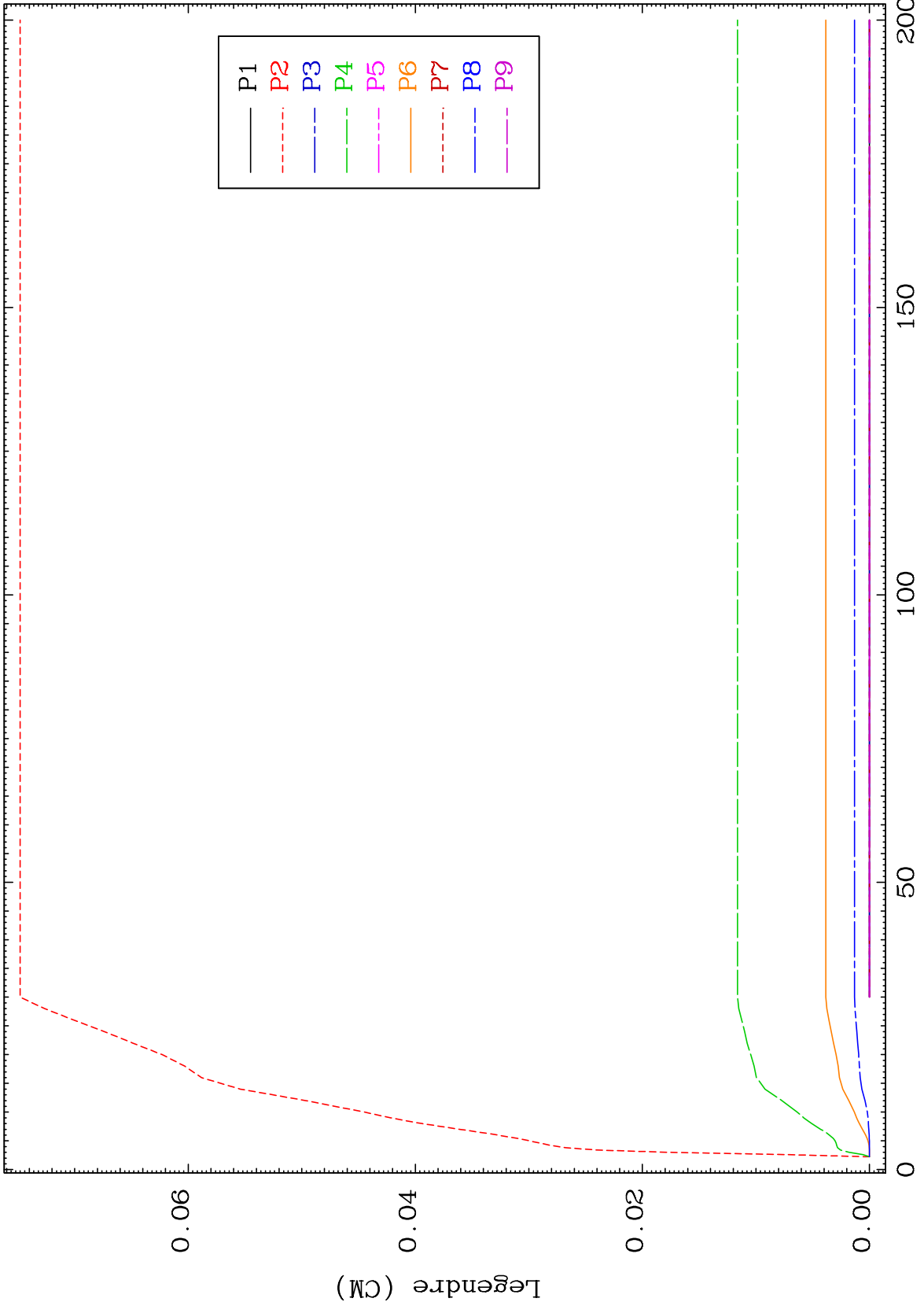
Incident Energy (MeV)

23-V -49

MAT 2322

MT= 66 (n,n') Level  
Legendre Coefficients

23-V -49



62

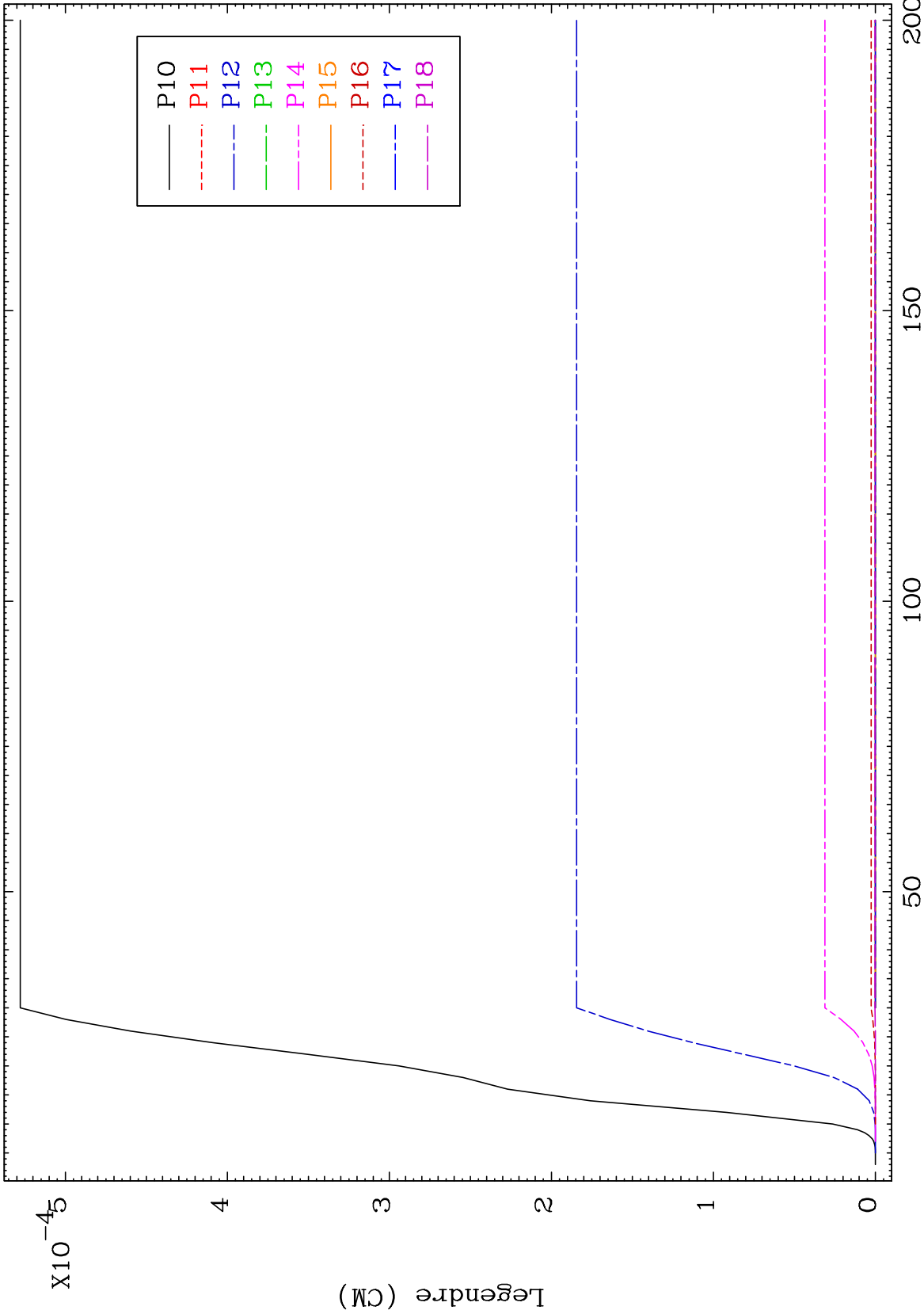
Incident Energy (MeV)

23-V -49

MAT 2322

MT= 66 (n,n') Level  
Legendre Coefficients

23-V -49



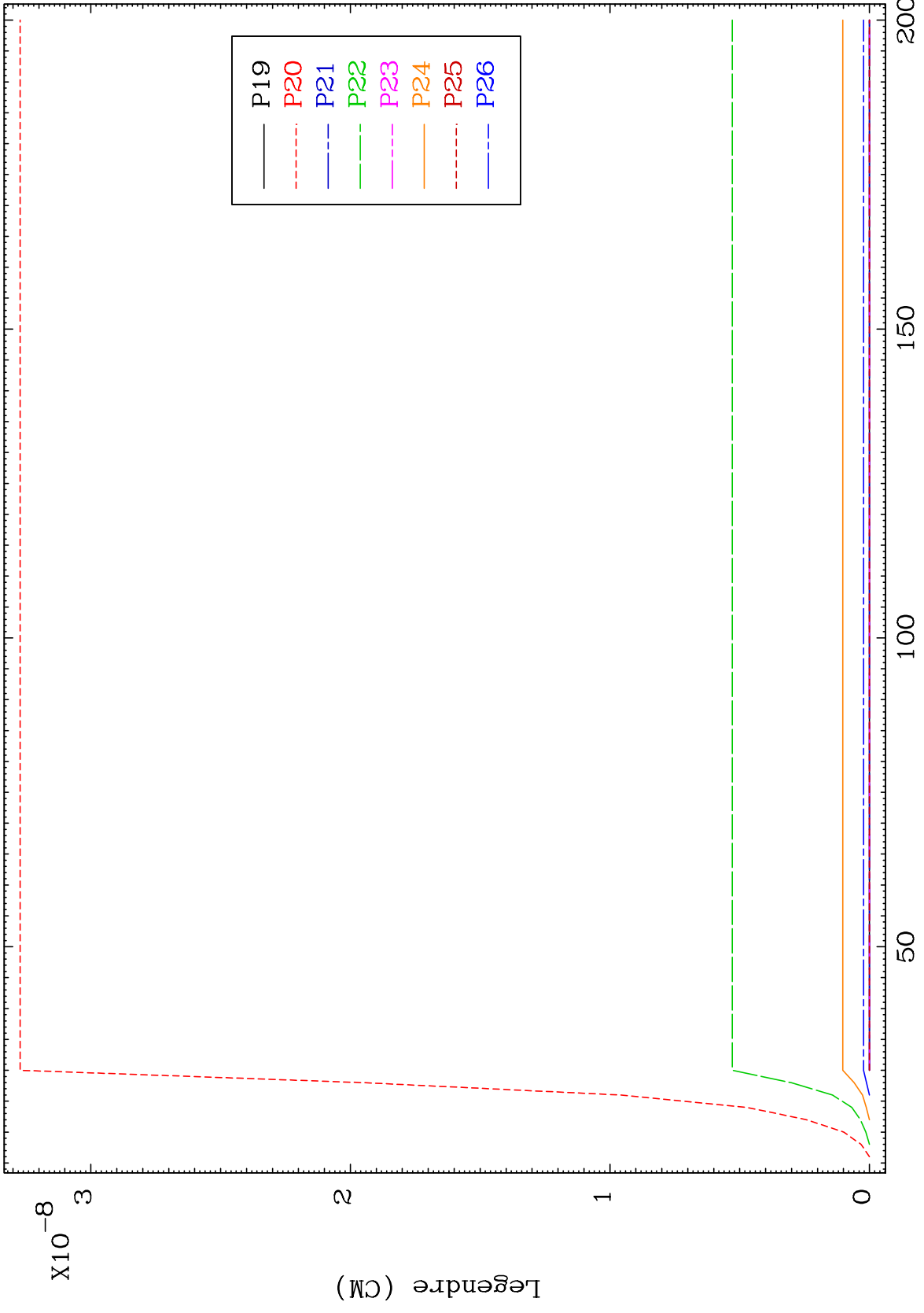
63

Incident Energy (MeV)

23-V -49

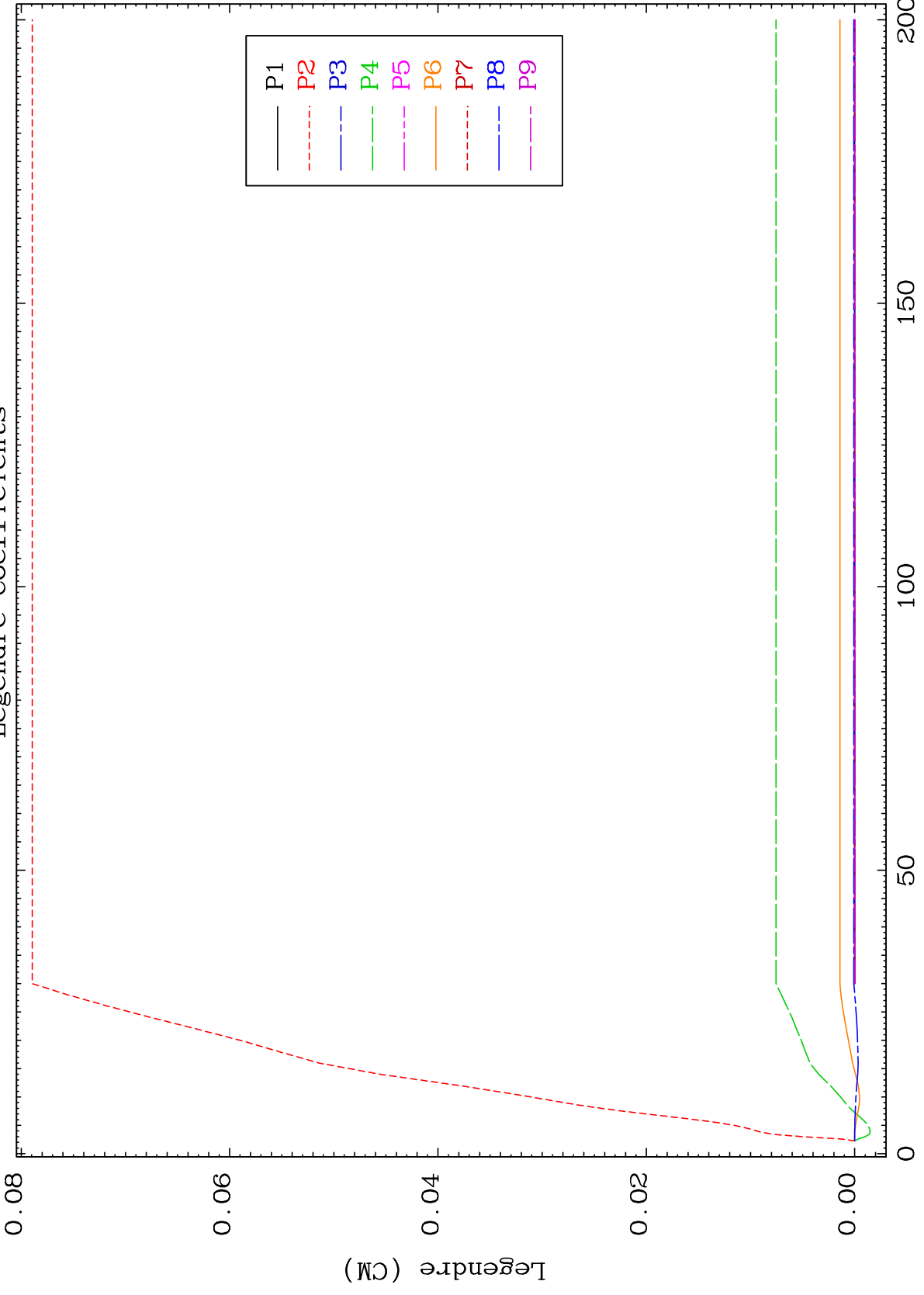


MAT 2322 MT= 66 (n,n') Level Legendre Coefficients 23-V -49



64 200 23-V -49

MAT 2322 MT= 67 (n,n') Level Legendre Coefficients 23-V -49

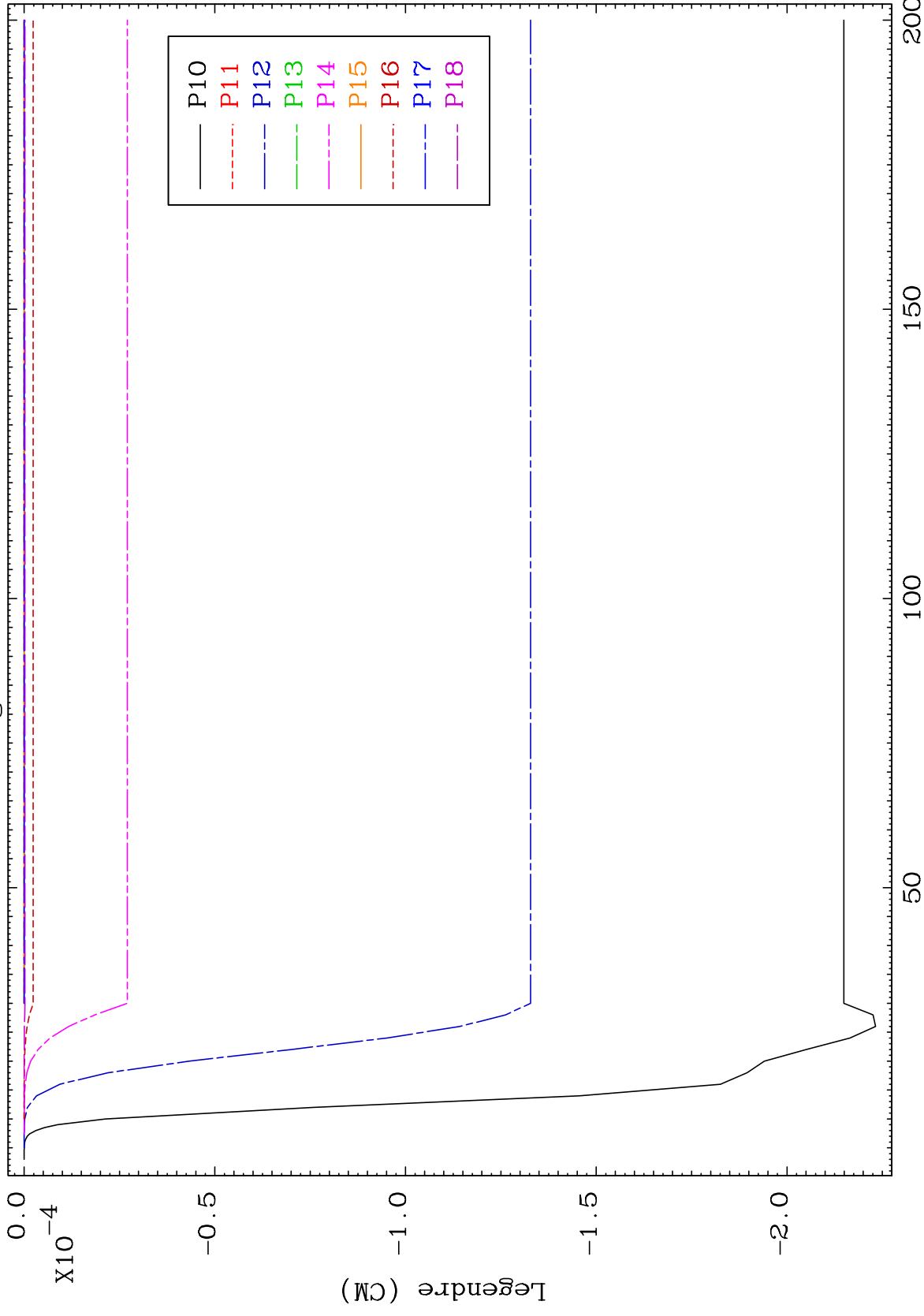


65 Incident Energy (MeV) 23-V -49

MAT 2322

MT= 67 (n,n') Level  
Legendre Coefficients

23-V -49



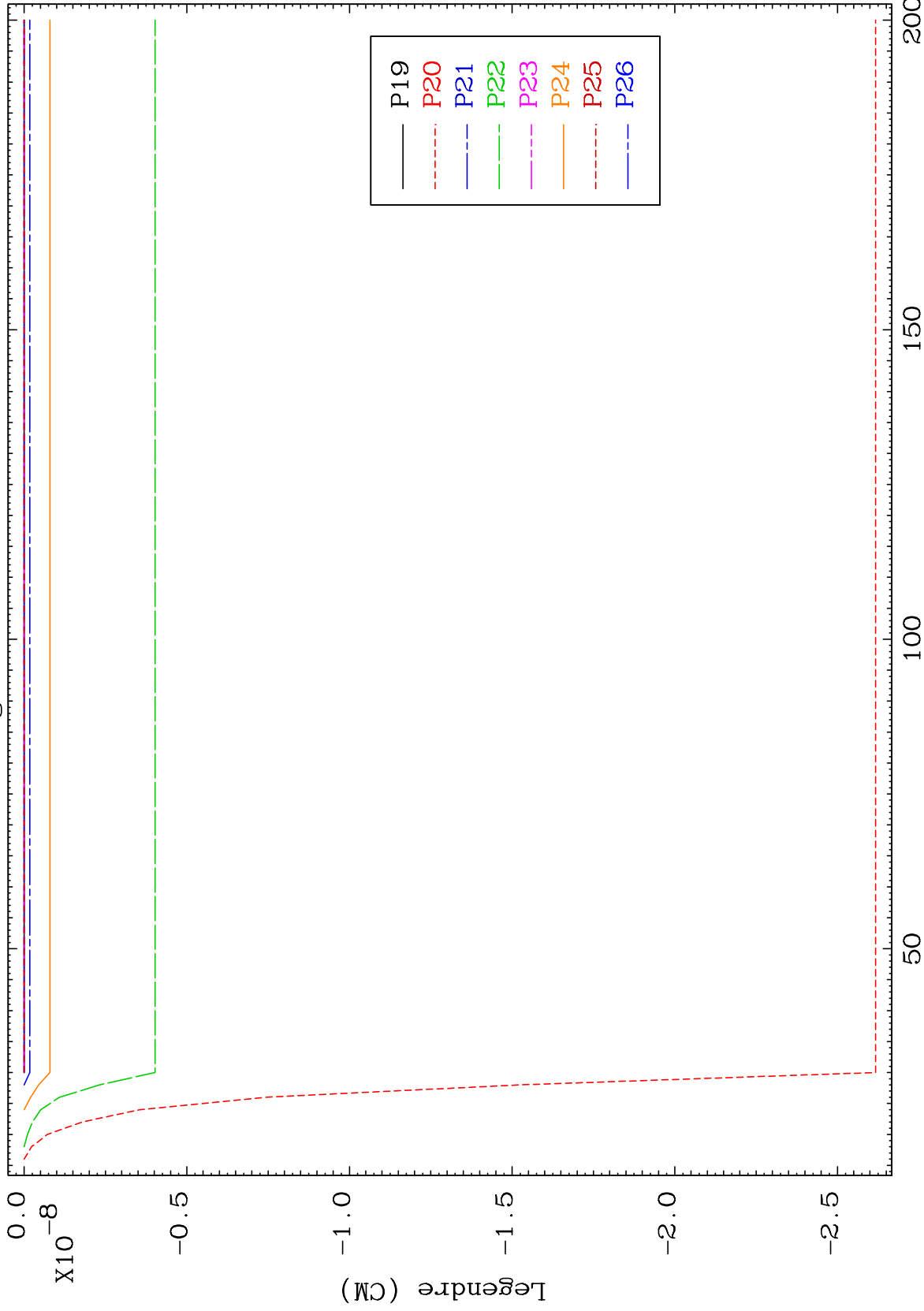
23-V -49

Incident Energy (MeV)

66

MAT 2322 MT= 67 (n,n') Level 23-V -49

Legendre Coefficients

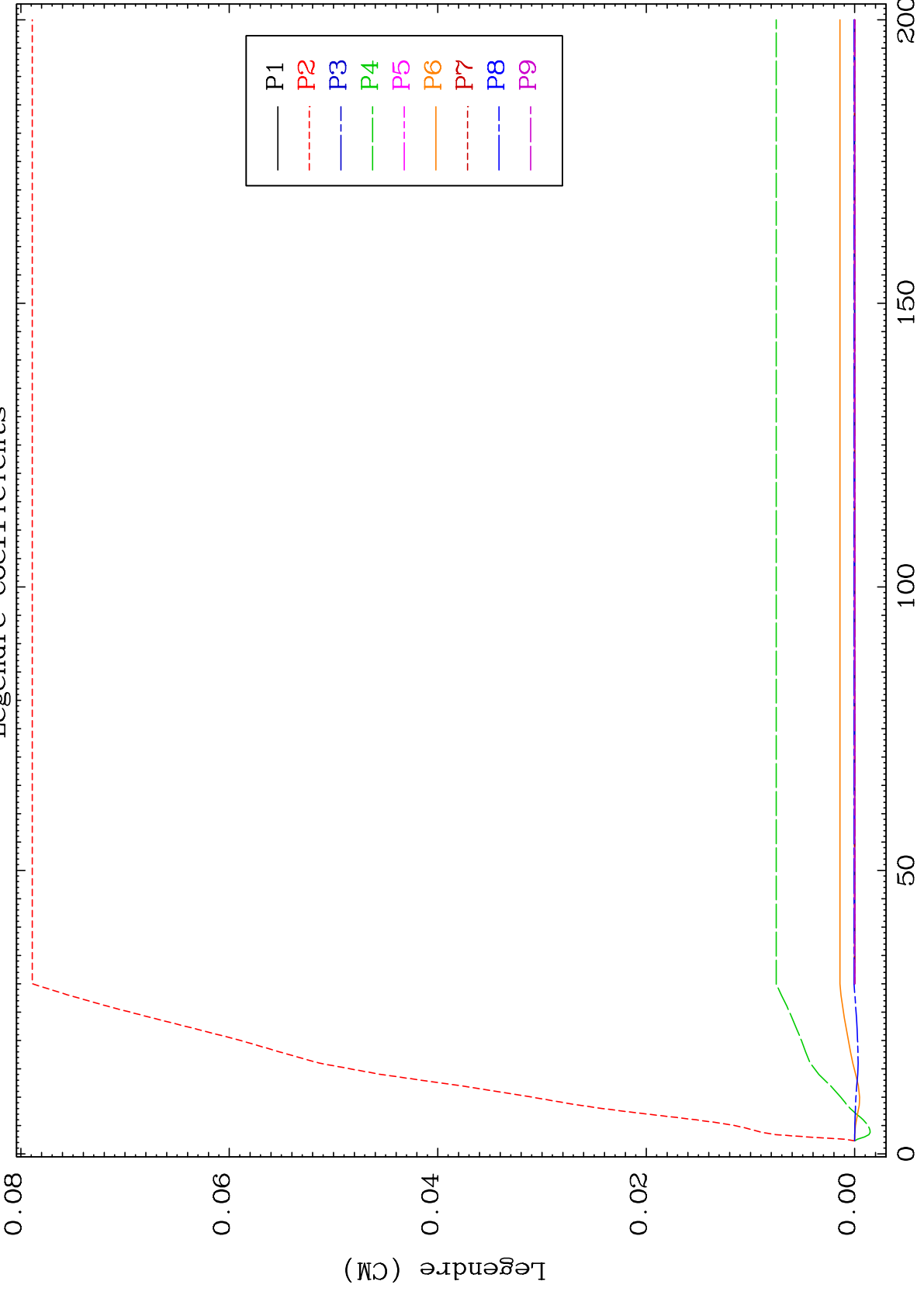


67

Incident Energy (MeV)

23-V -49

MAT 2322 MT= 68 (n,n') Level Legendre Coefficients 23-V -49

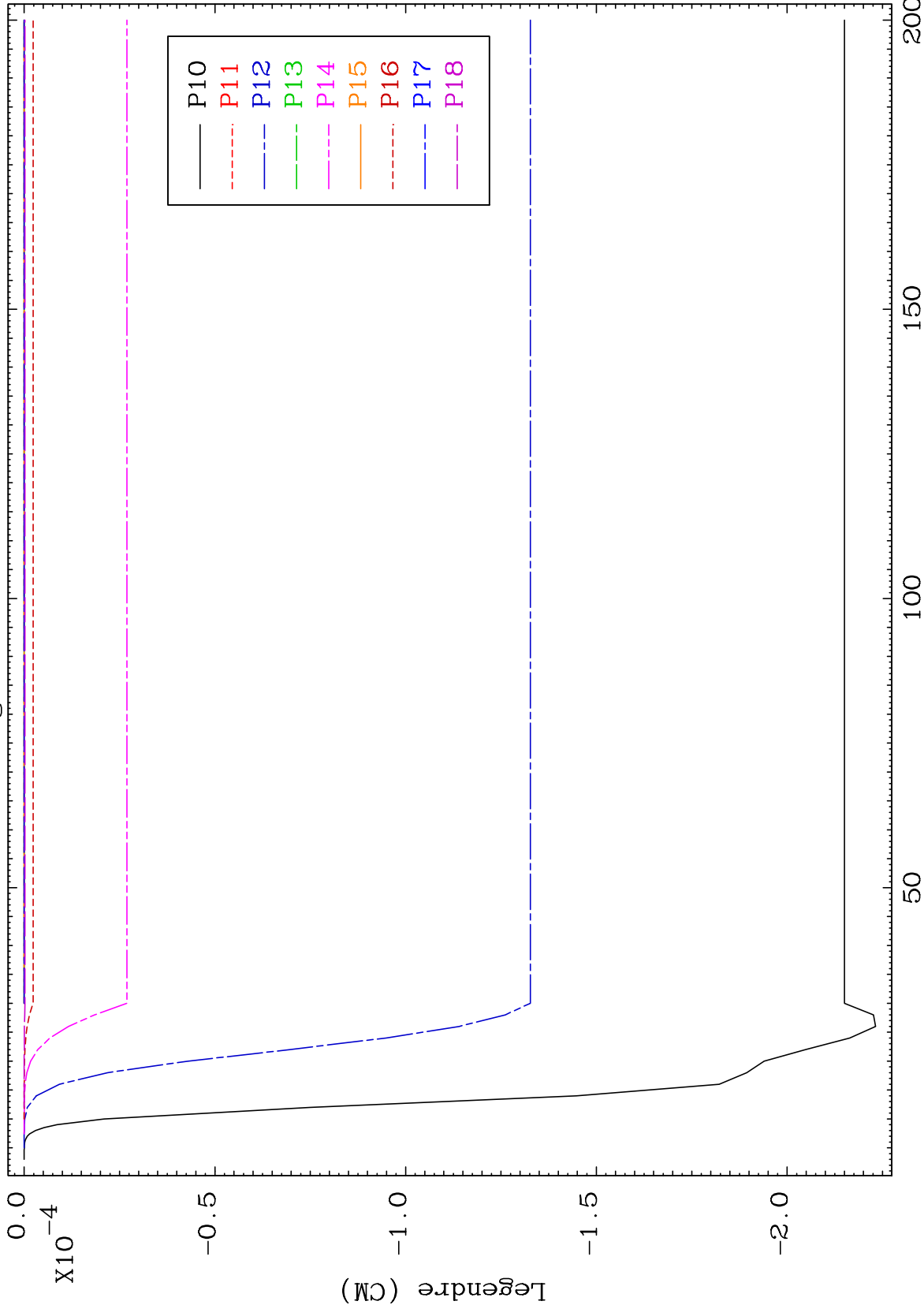


68 Incident Energy (MeV) 23-V -49

MAT 2322

MT= 68 (n,n') Level  
Legendre Coefficients

23-V -49

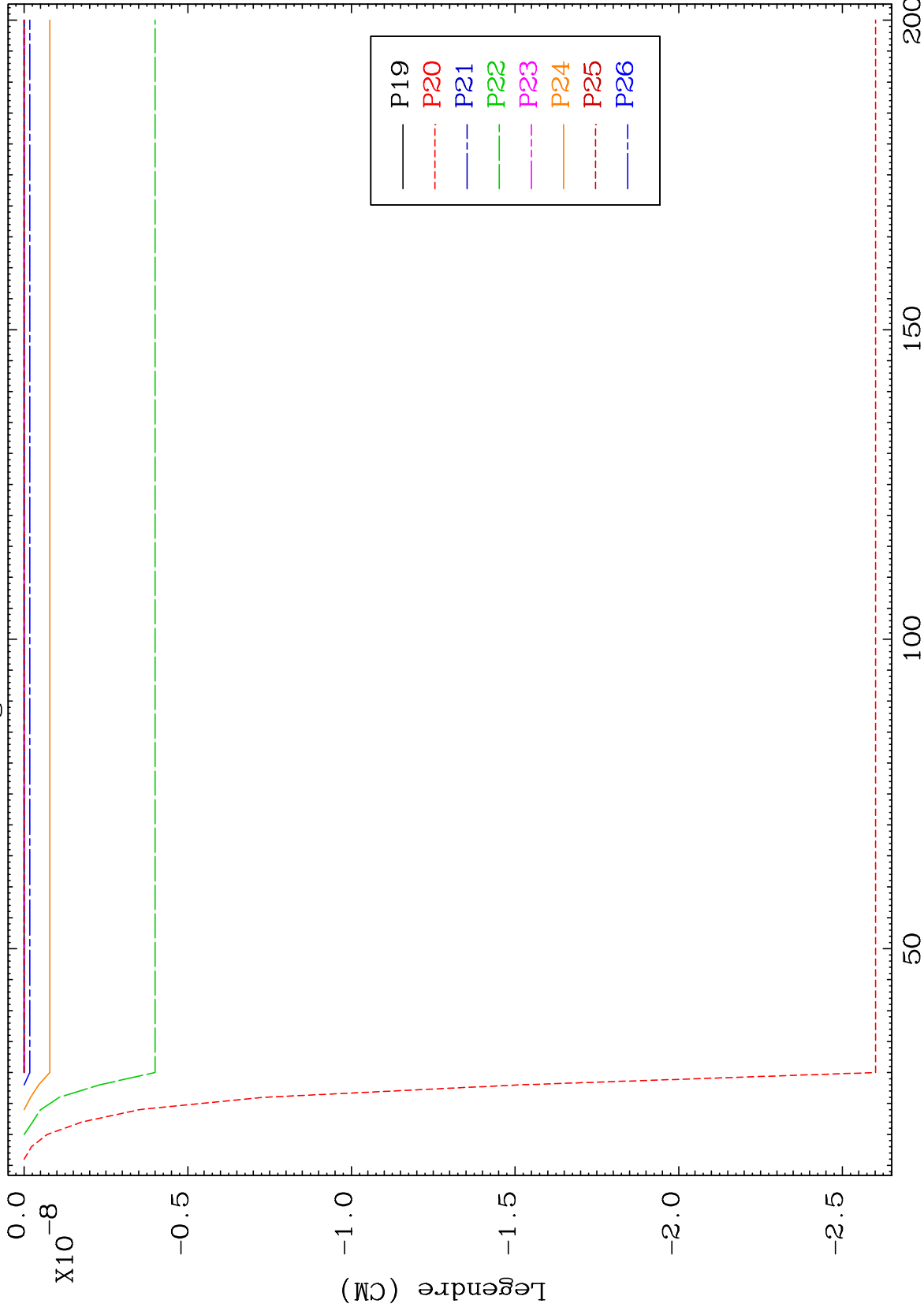


69

23-V -49

MAT 2322 MT= 68 (n,n') Level 23-V -49

Legendre Coefficients

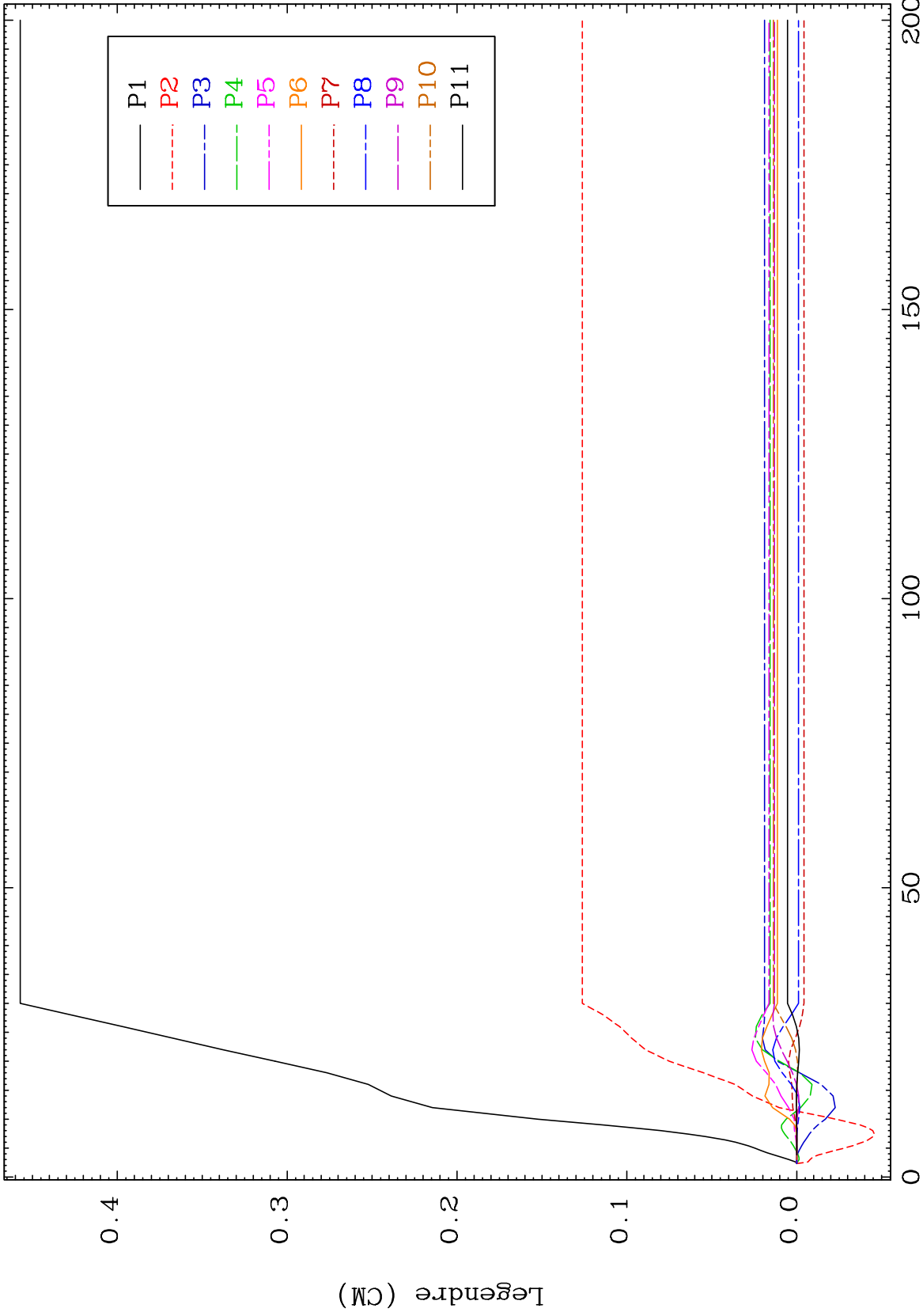


70 Incident Energy (MeV) 23-V -49

MAT 2322

MT= 69 (n,n') Level  
Legendre Coefficients

23-V -49



71

Incident Energy (MeV)

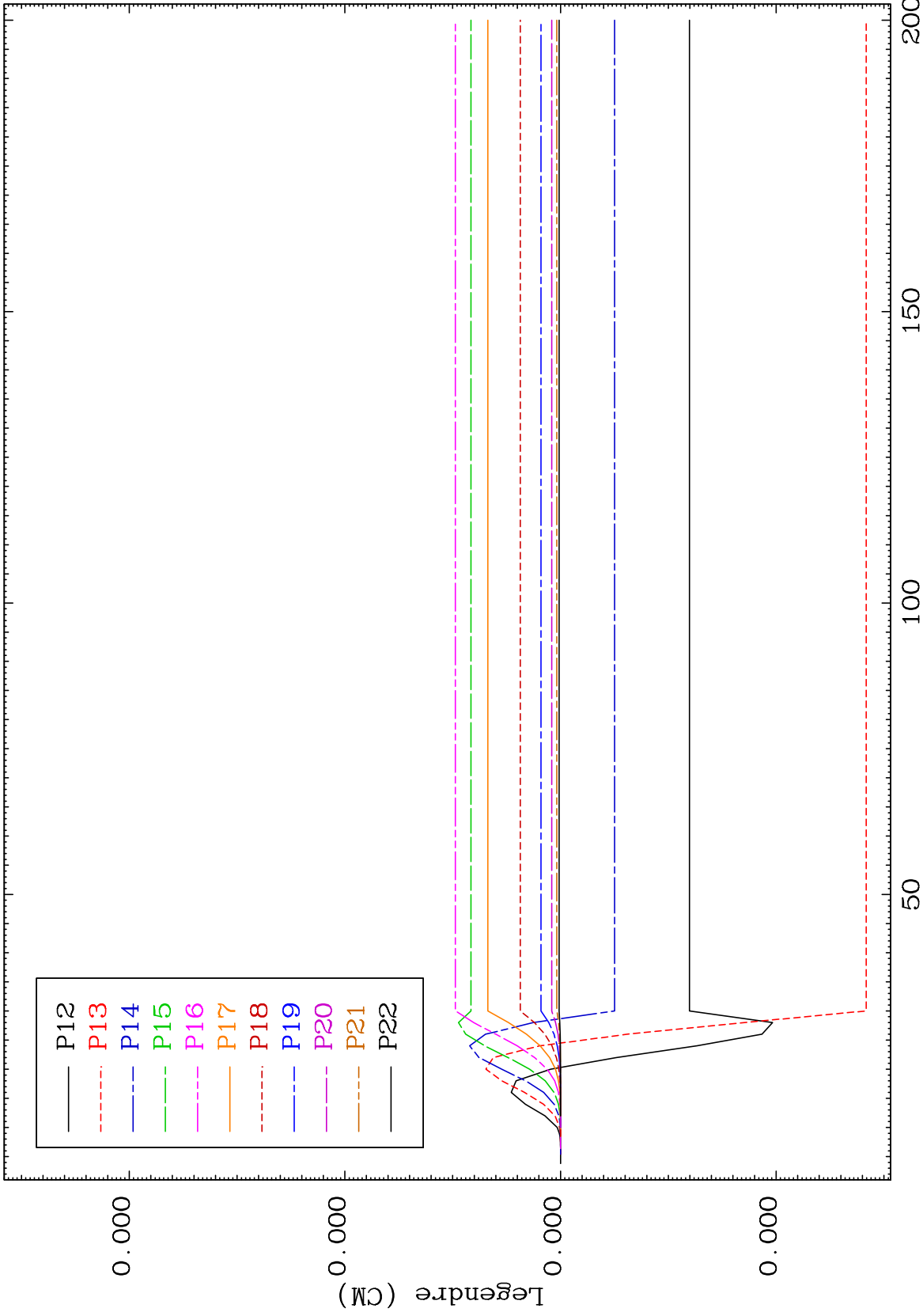
23-V -49



MAT 2322

MT= 69 (n,n') Level  
Legendre Coefficients

23-V -49



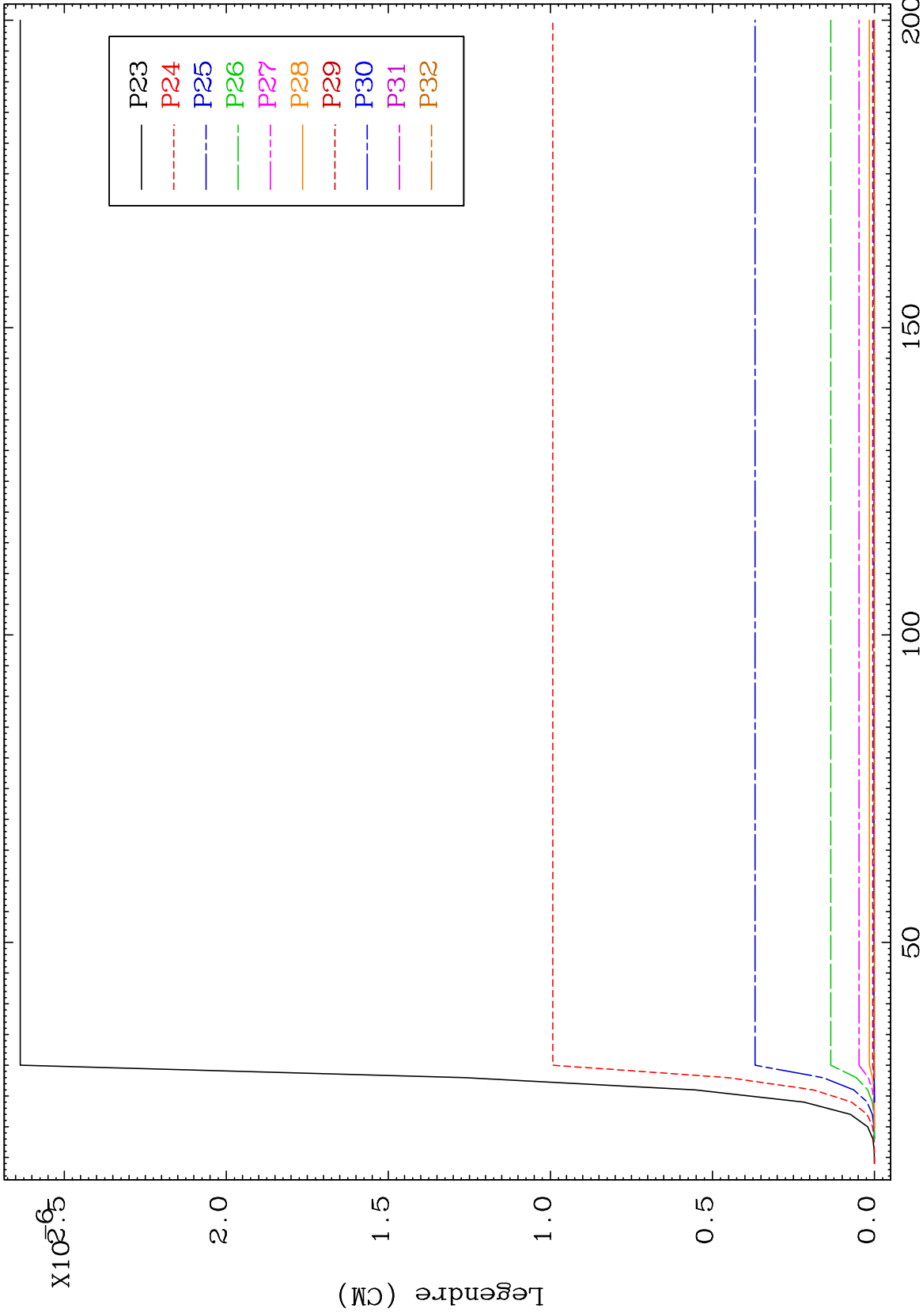
72

23-V -49

MAT 2322

MT= 69 (n,n') Level  
Legendre Coefficients

23-V -49

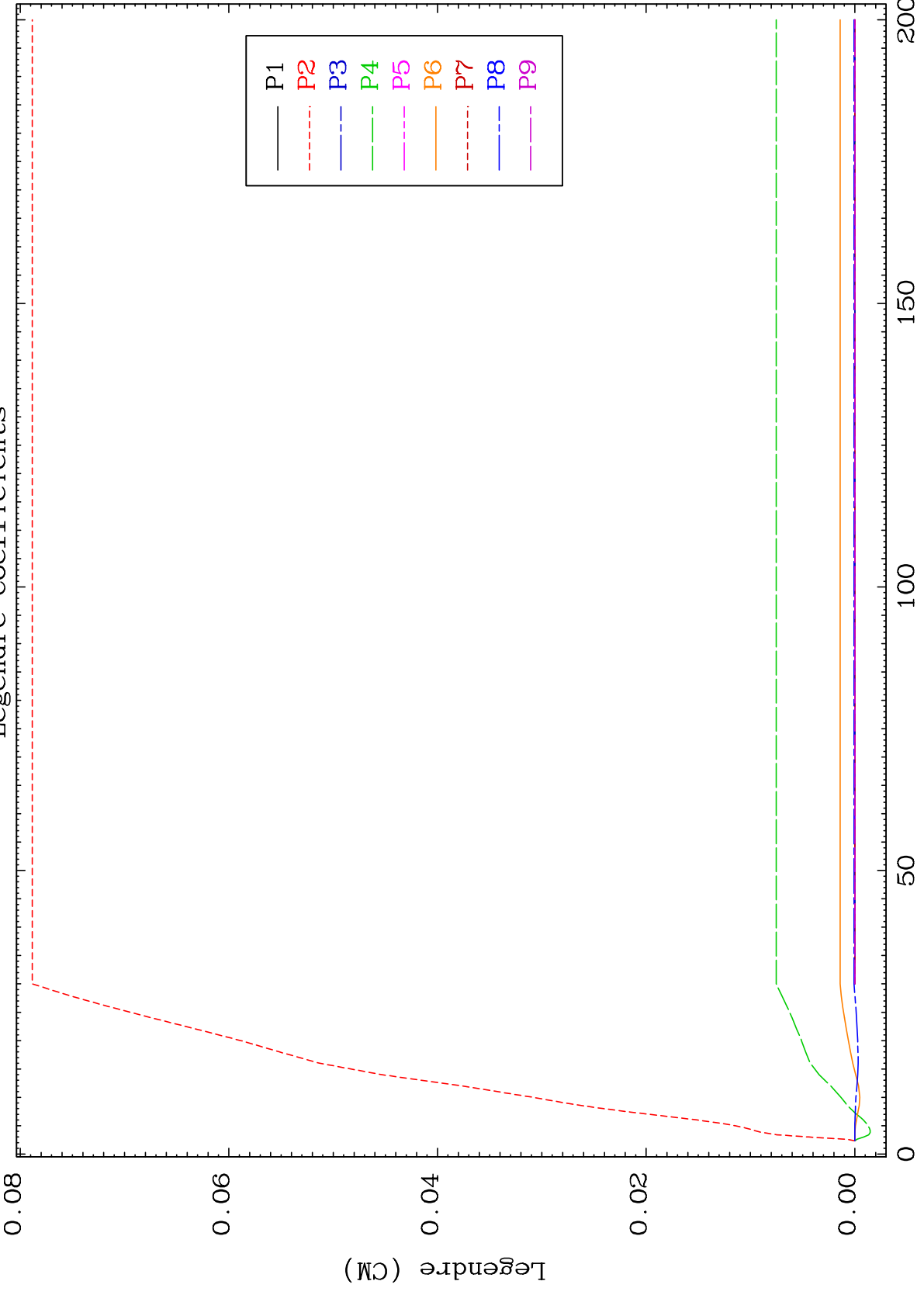


73

Incident Energy (MeV)

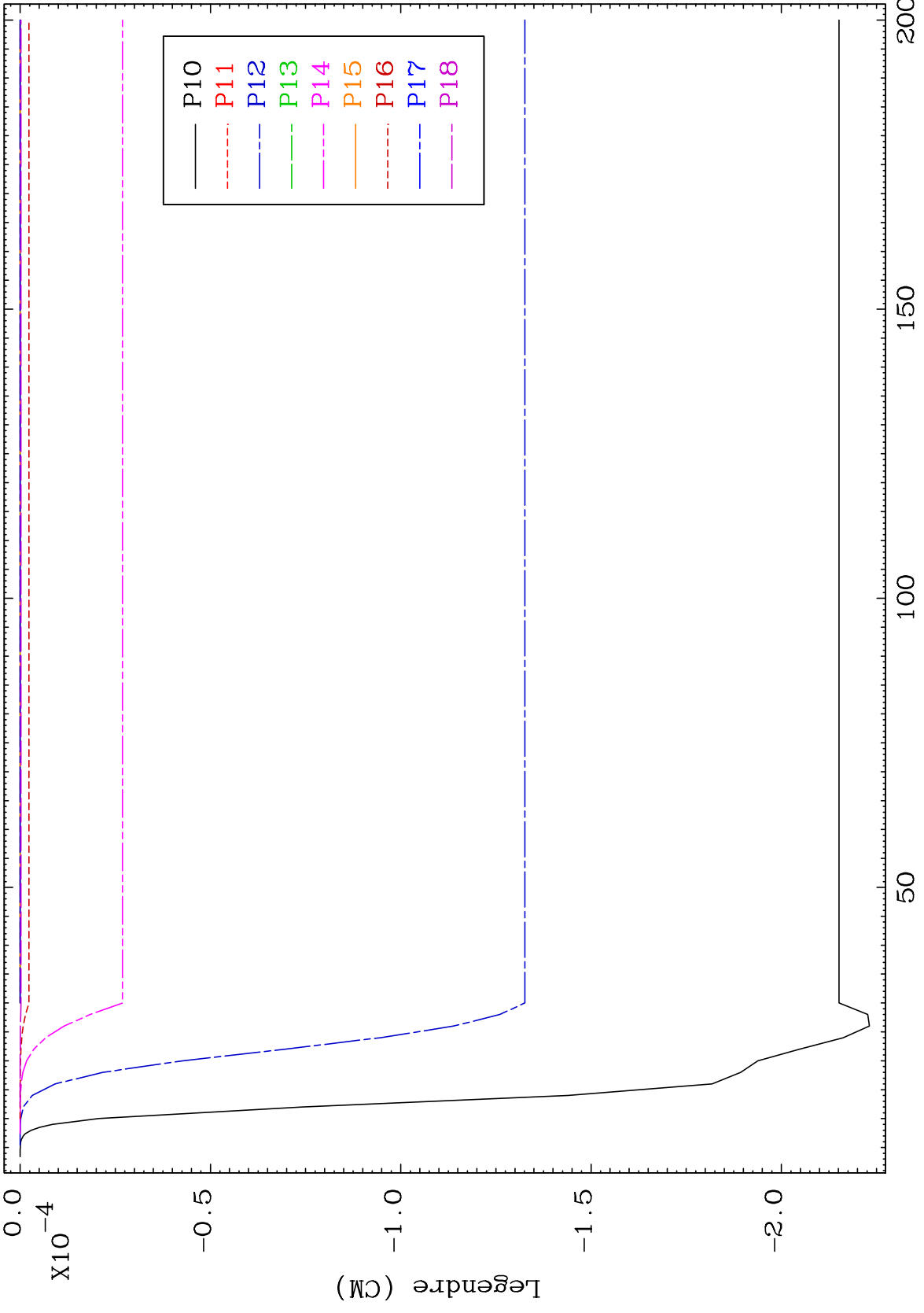
23-V -49

MAT 2322 MT= 70 (n,n') Level Legendre Coefficients 23-V -49



74 23-V -49

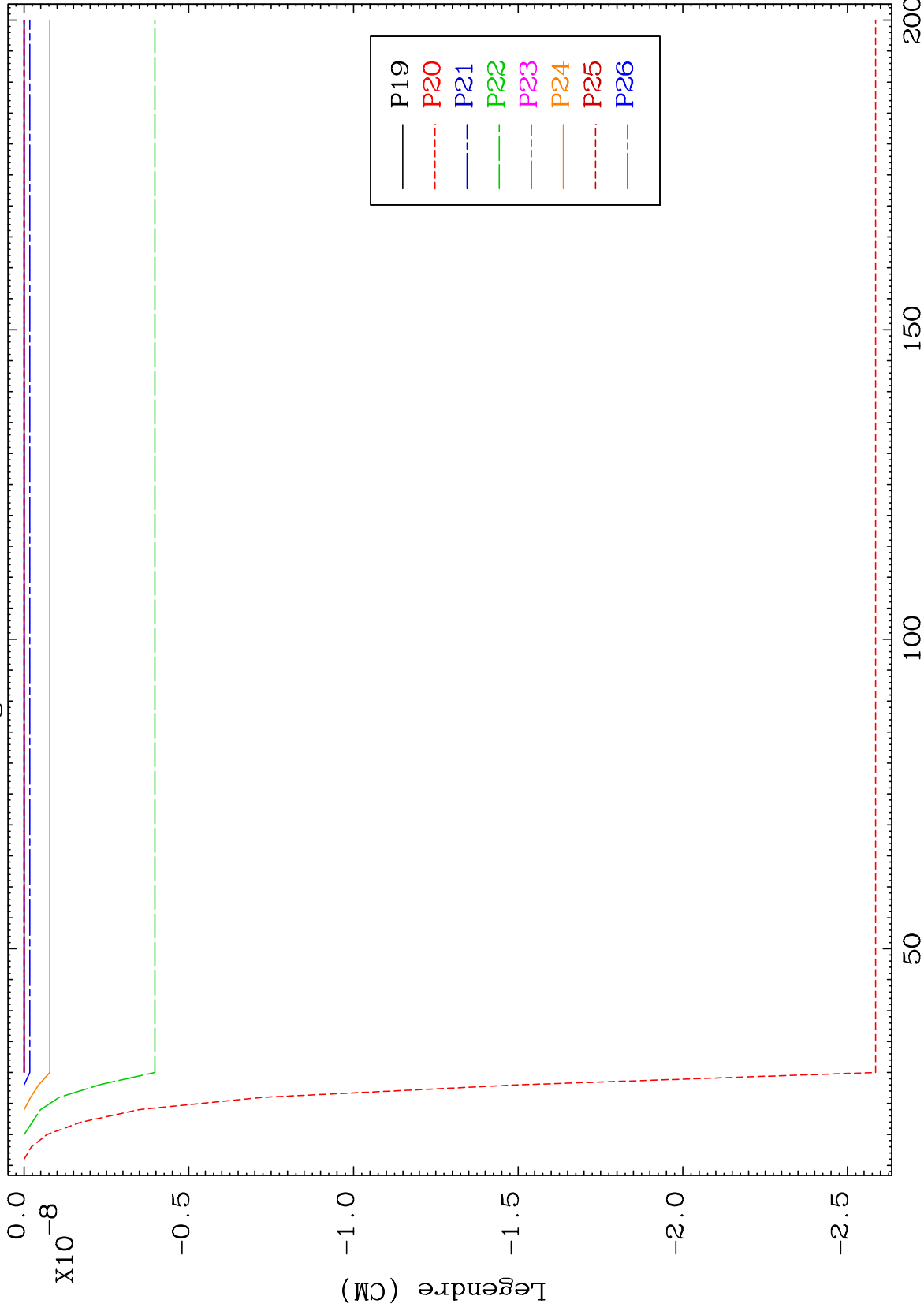
MAT 2322 MT= 70 (n,n') Level Legendre Coefficients 23-V -49



75 23-V -49

MAT 2322 MT= 70 (n,n') Level 23-V -49

Legendre Coefficients

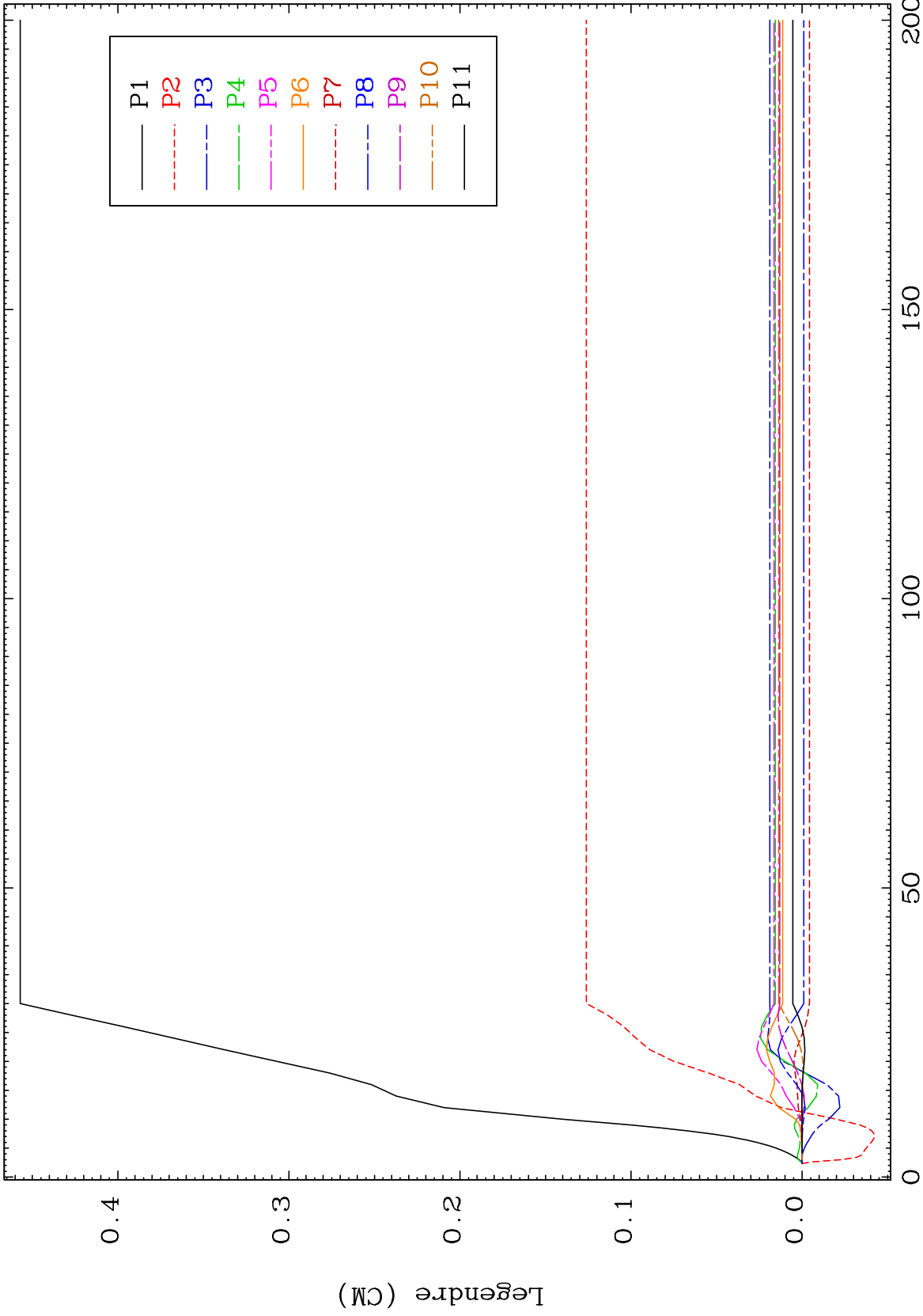


76 Incident Energy (MeV) 23-V -49

MAT 2322

MT= 71 (n,n') Level  
Legendre Coefficients

23-V -49



77

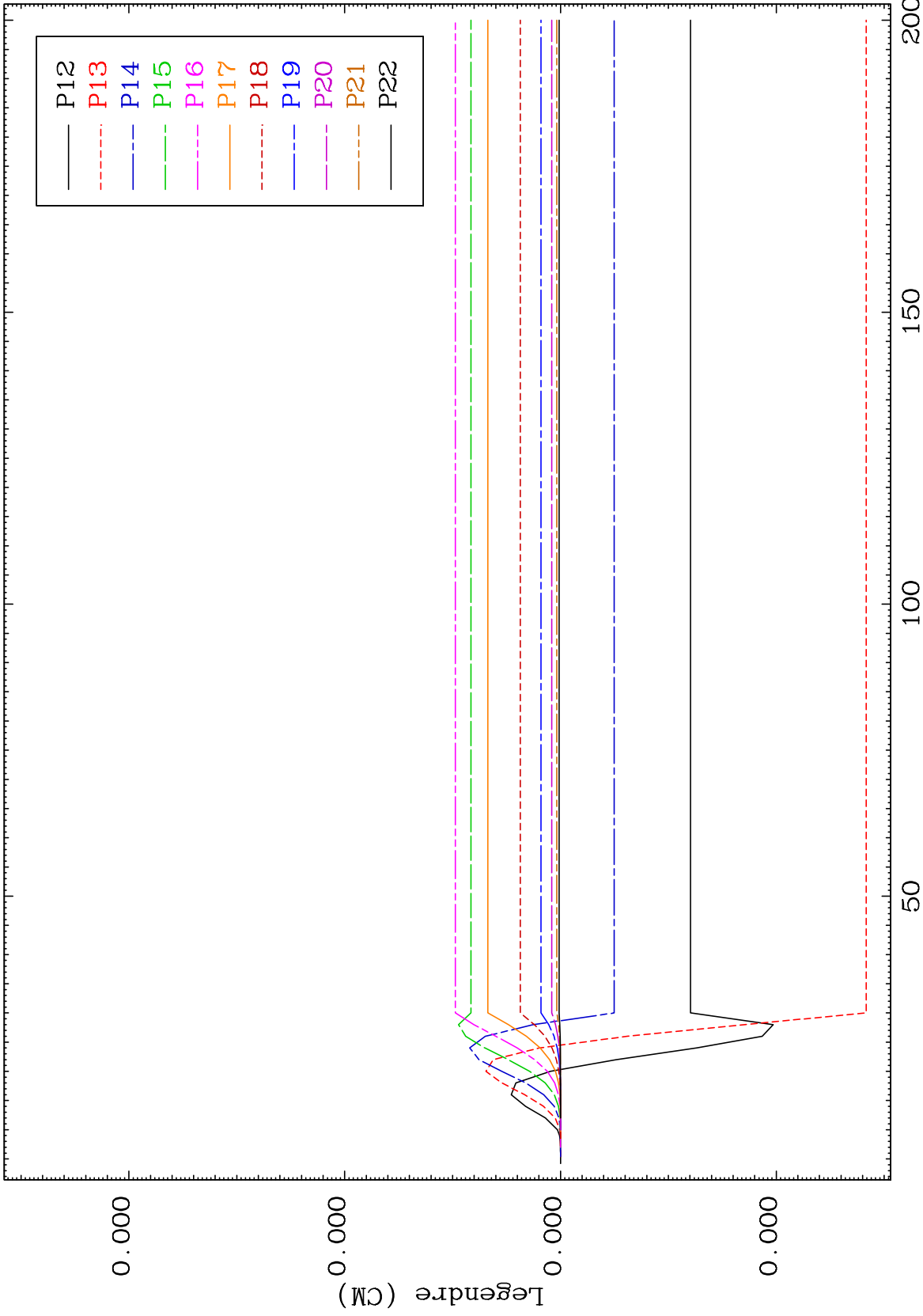
Incident Energy (MeV)

23-V -49

MAT 2322

MT= 71 (n,n') Level  
Legendre Coefficients

23-V -49



78

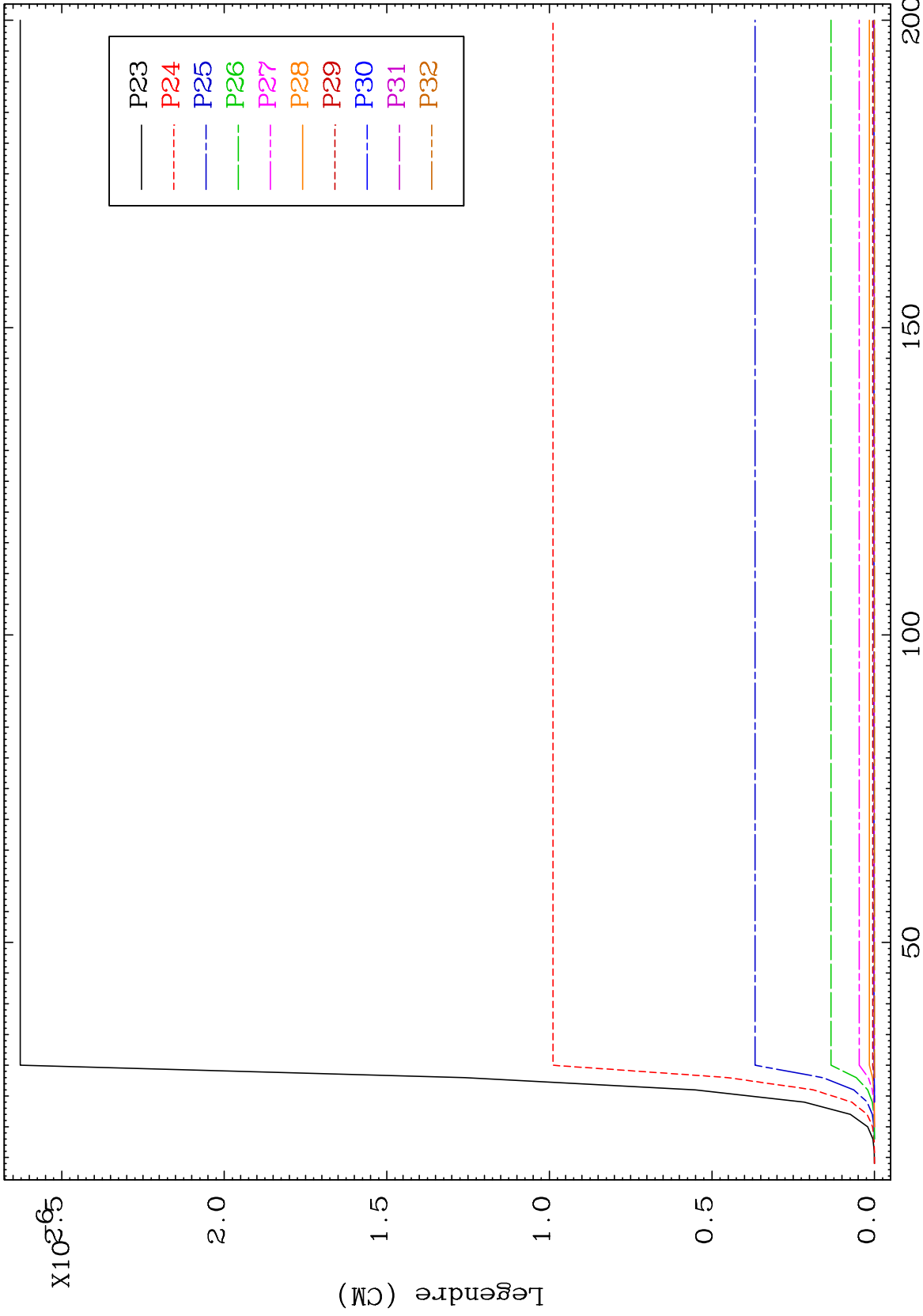
Incident Energy (MeV)

23-V -49

MAT 2322

MT= 71 (n,n') Level  
Legendre Coefficients

23-V -49



79

Incident Energy (MeV)

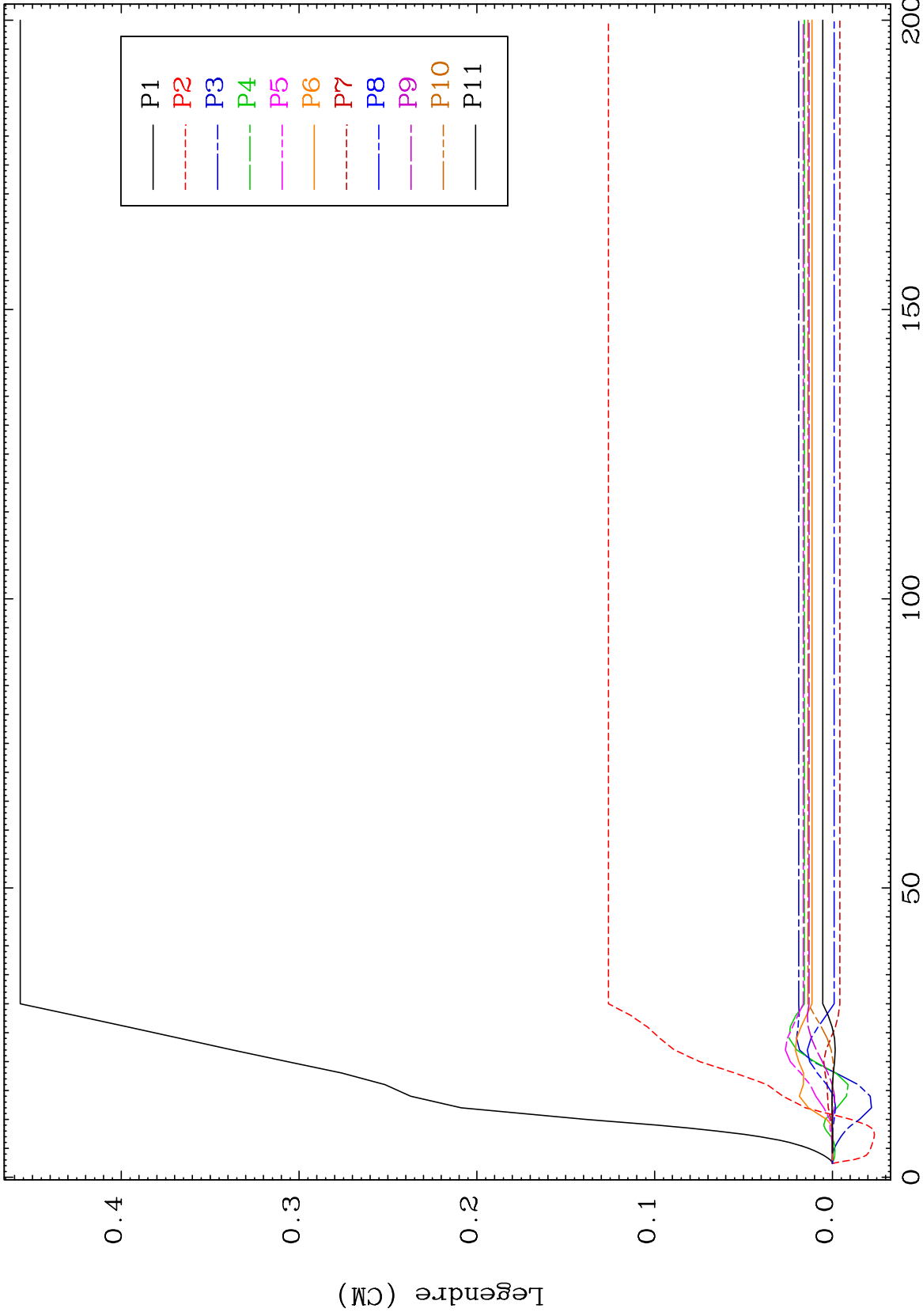
23-V -49



MAT 2322

MT= 72 (n,n') Level  
Legendre Coefficients

23-V -49



80

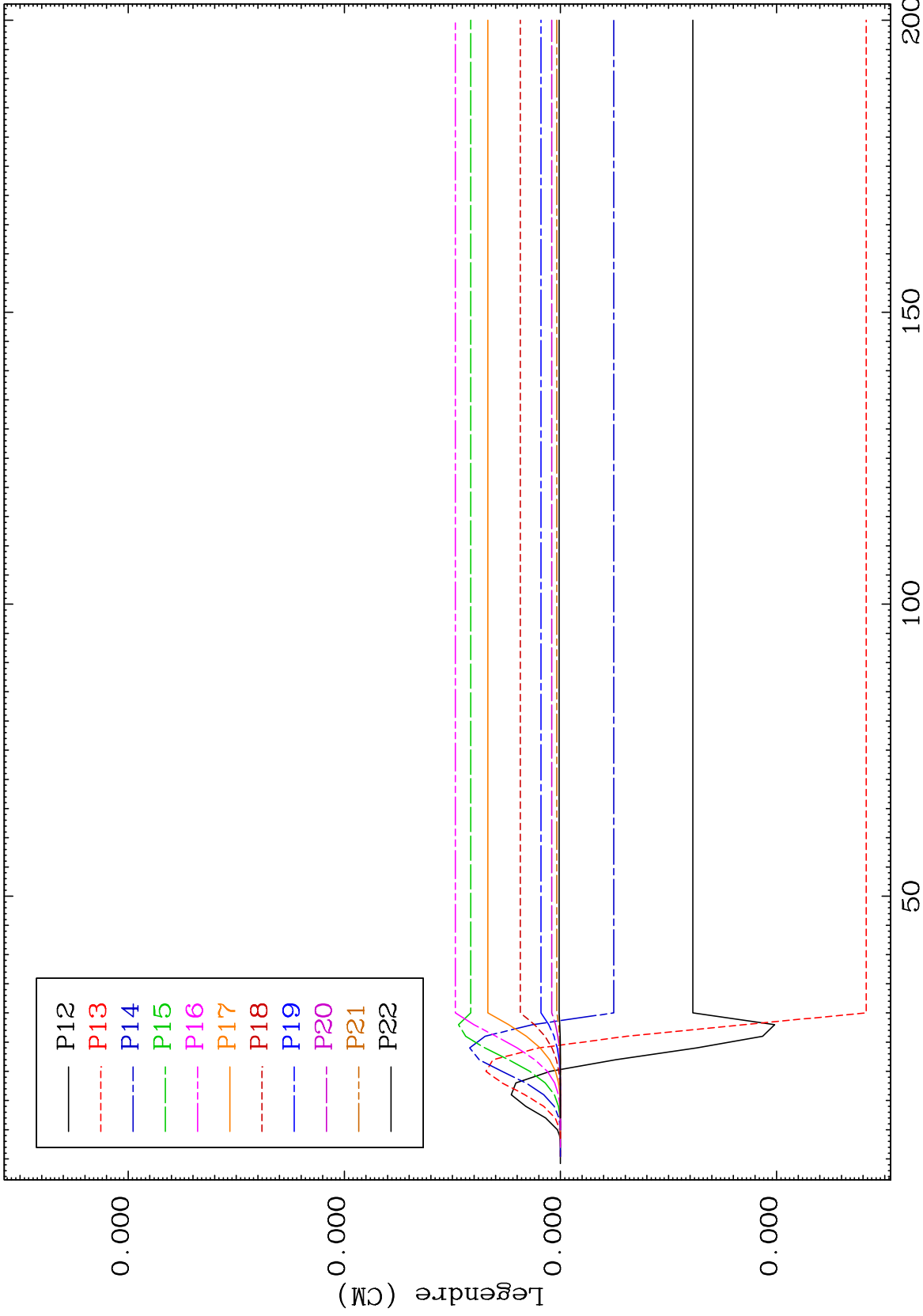
Incident Energy (MeV)

23-V -49

MAT 2322

MT= 72 (n,n') Level  
Legendre Coefficients

23-V -49



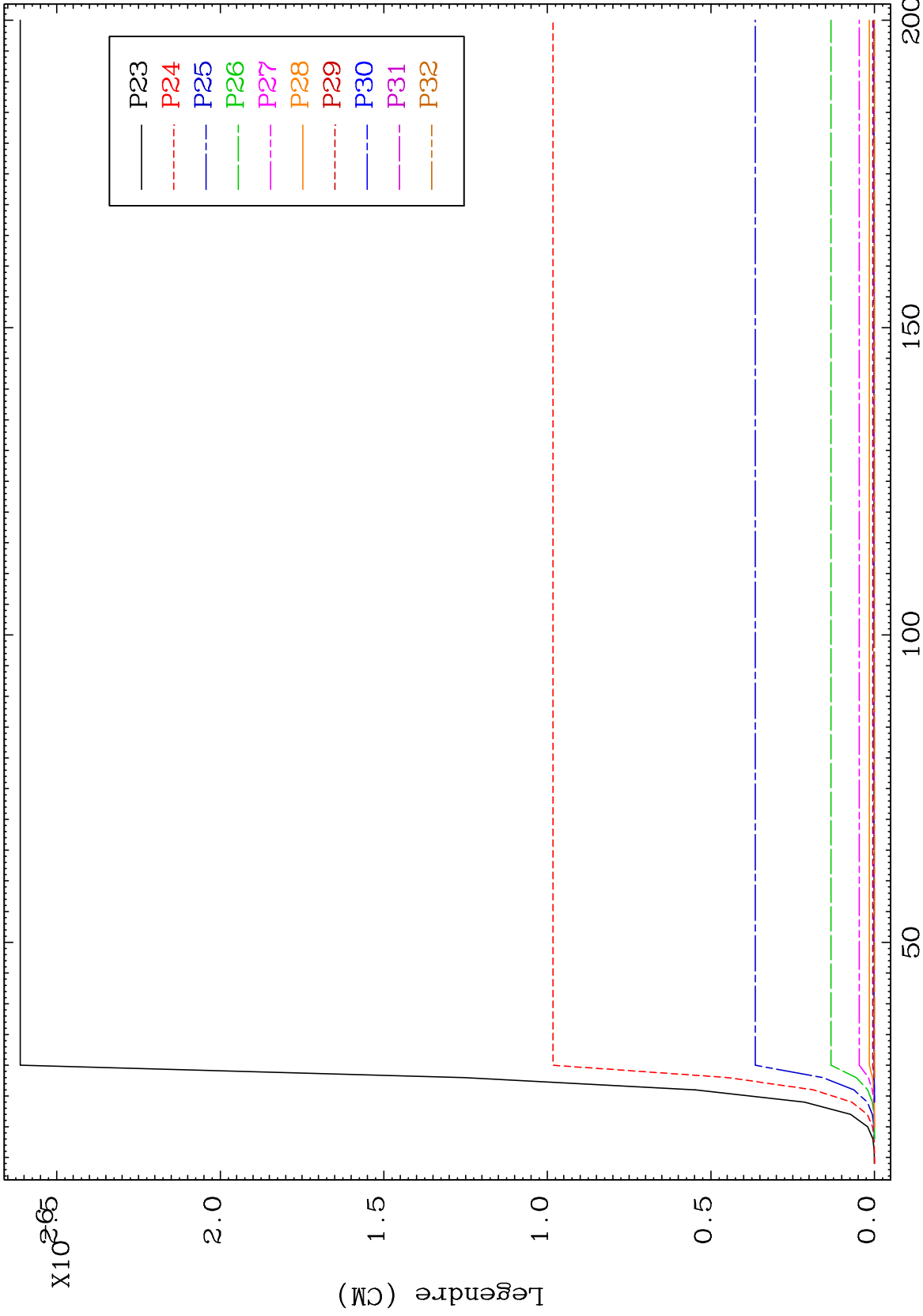
81

23-V -49

MAT 2322

MT= 72 (n,n') Level  
Legendre Coefficients

23-V -49



82

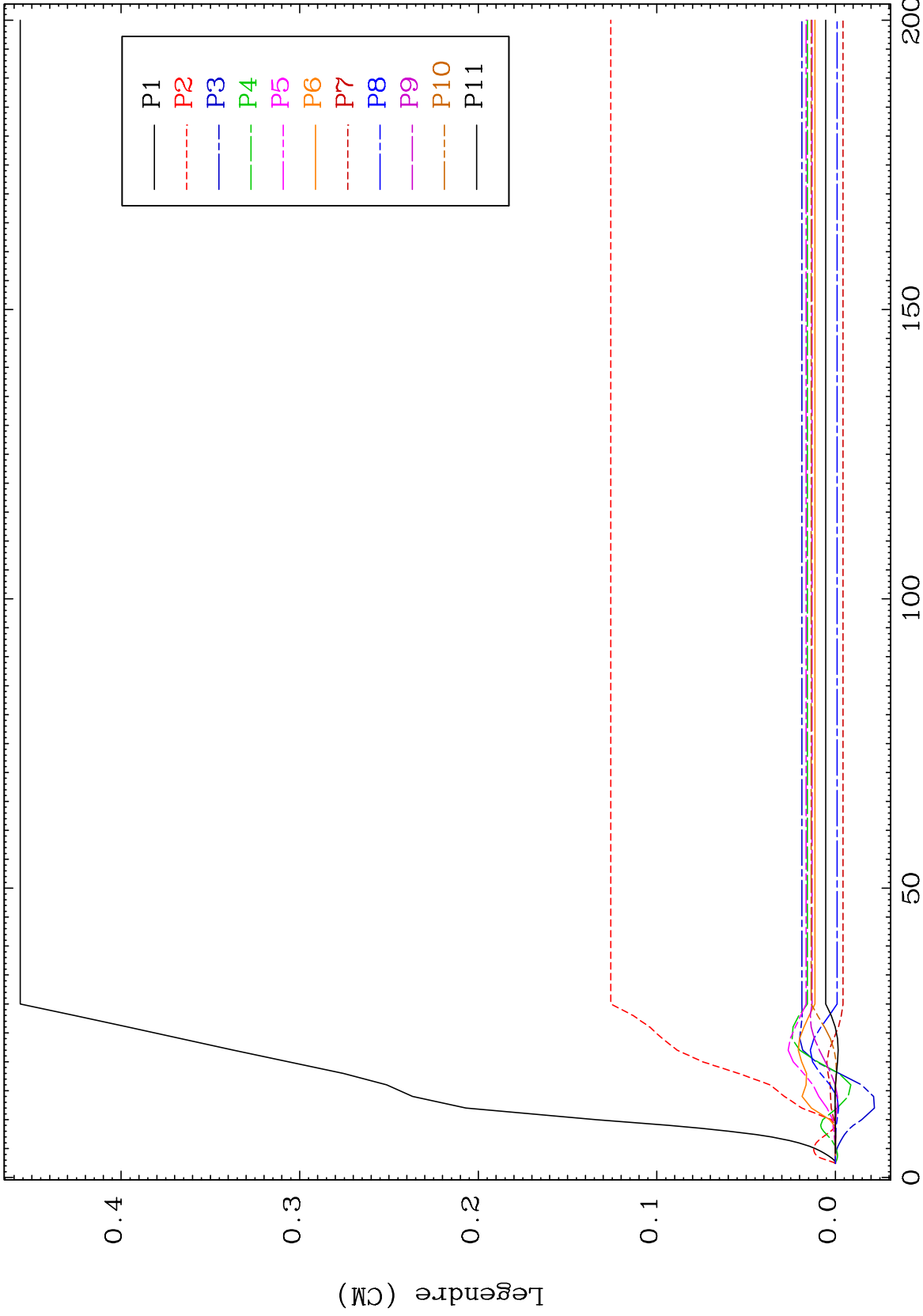
Incident Energy (MeV)

23-V -49

MAT 2322

MT= 73 (n,n') Level  
Legendre Coefficients

23-V -49



83

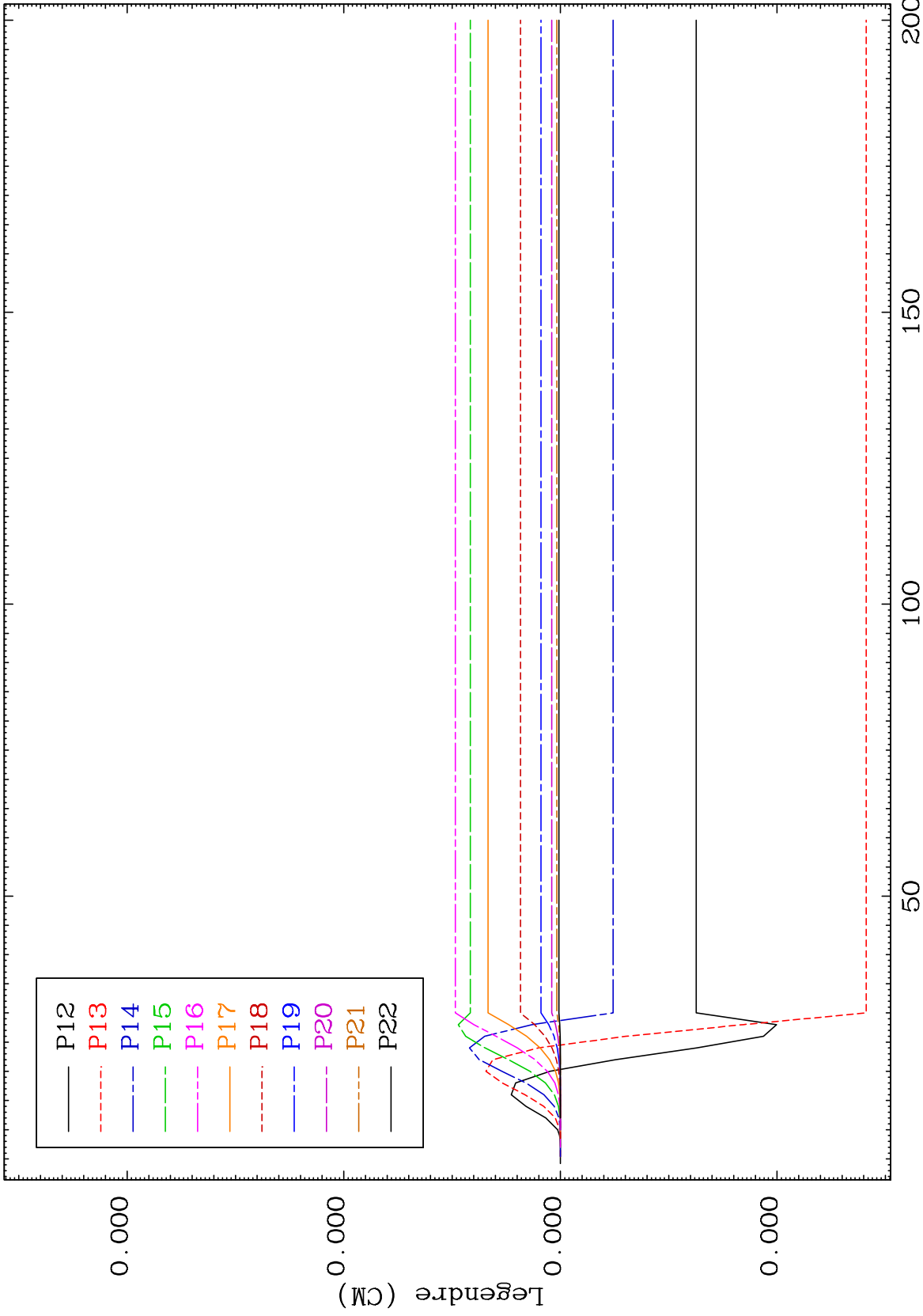
Incident Energy (MeV)

23-V -49

MAT 2322

MT= 73 (n,n') Level  
Legendre Coefficients

23-V -49



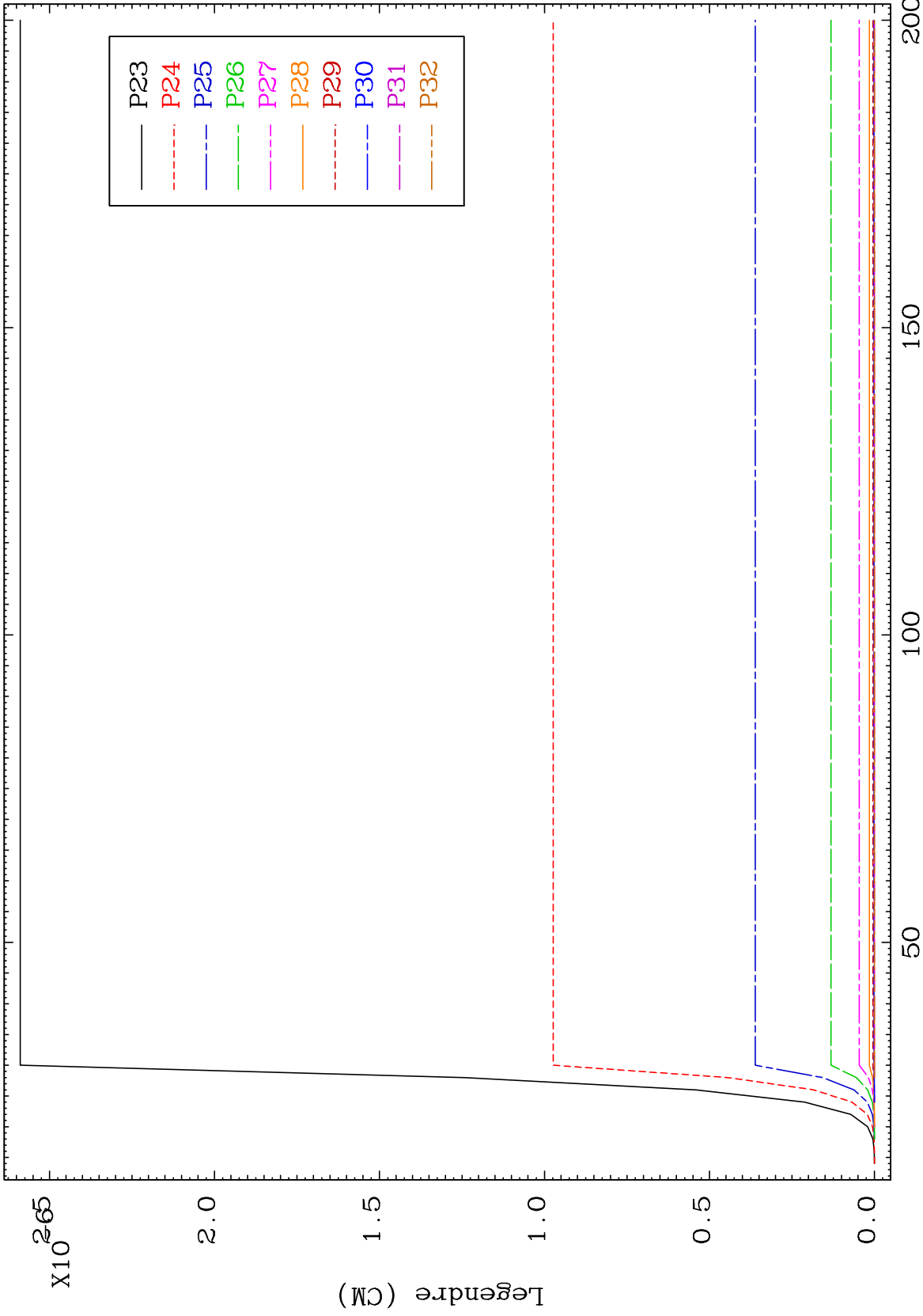
84

23-V -49

MAT 2322

MT= 73 (n,n') Level  
Legendre Coefficients

23-V -49



85

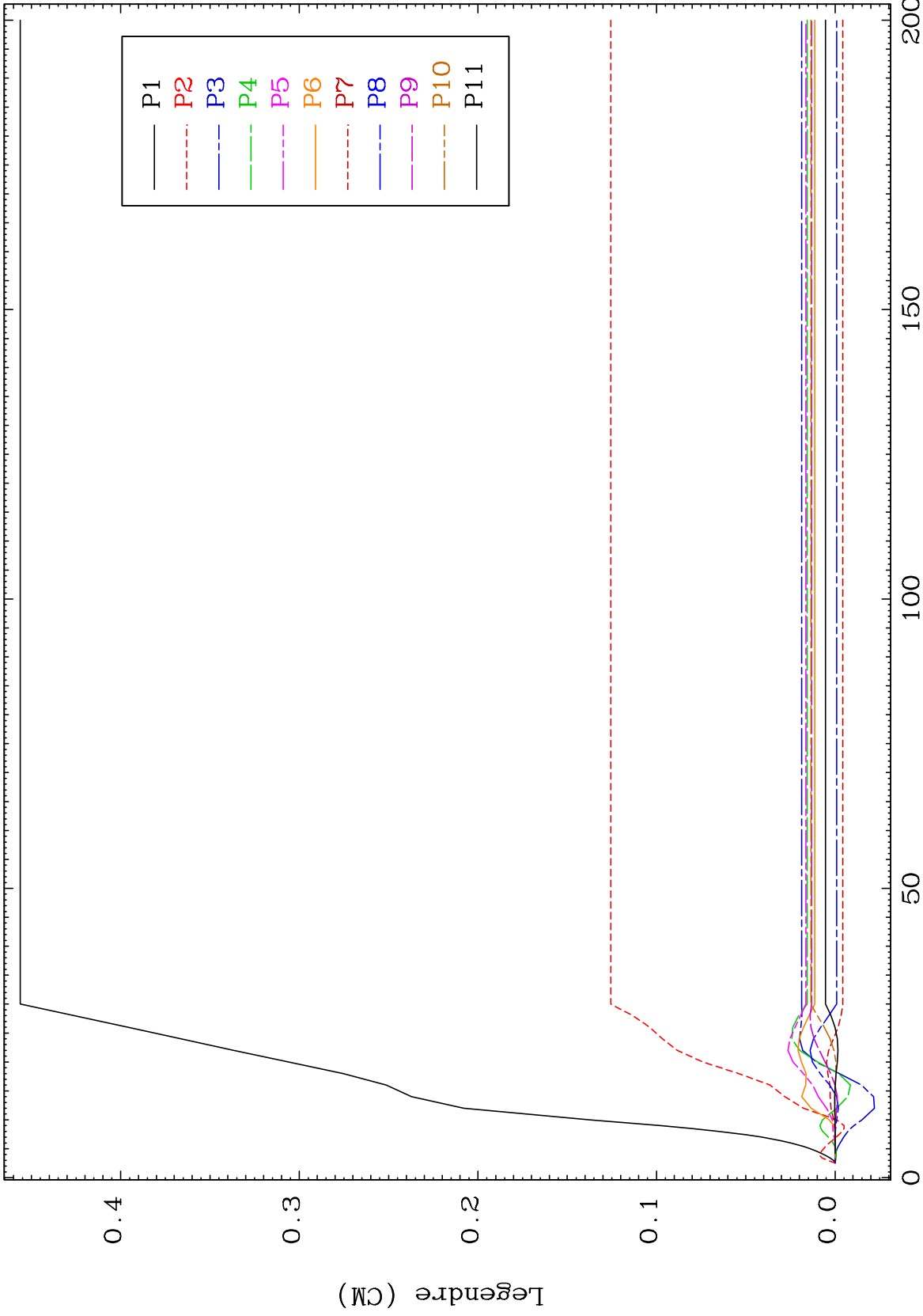
Incident Energy (MeV)

23-V -49

MAT 2322

MT= 74 (n,n') Level  
Legendre Coefficients

23-V -49



86

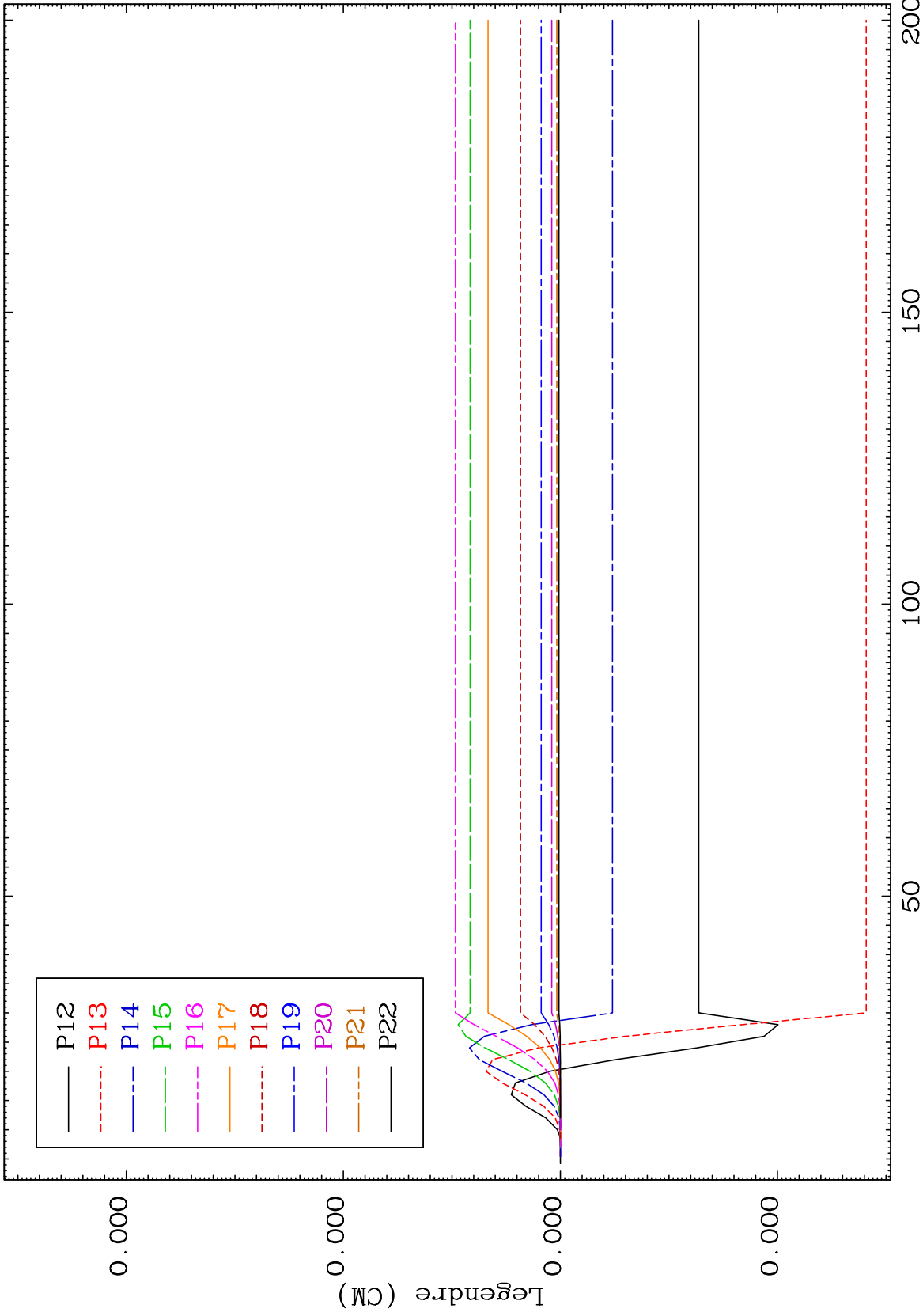
Incident Energy (MeV)

23-V -49

MAT 2322

MT= 74 (n,n') Level  
Legendre Coefficients

23-V -49



87

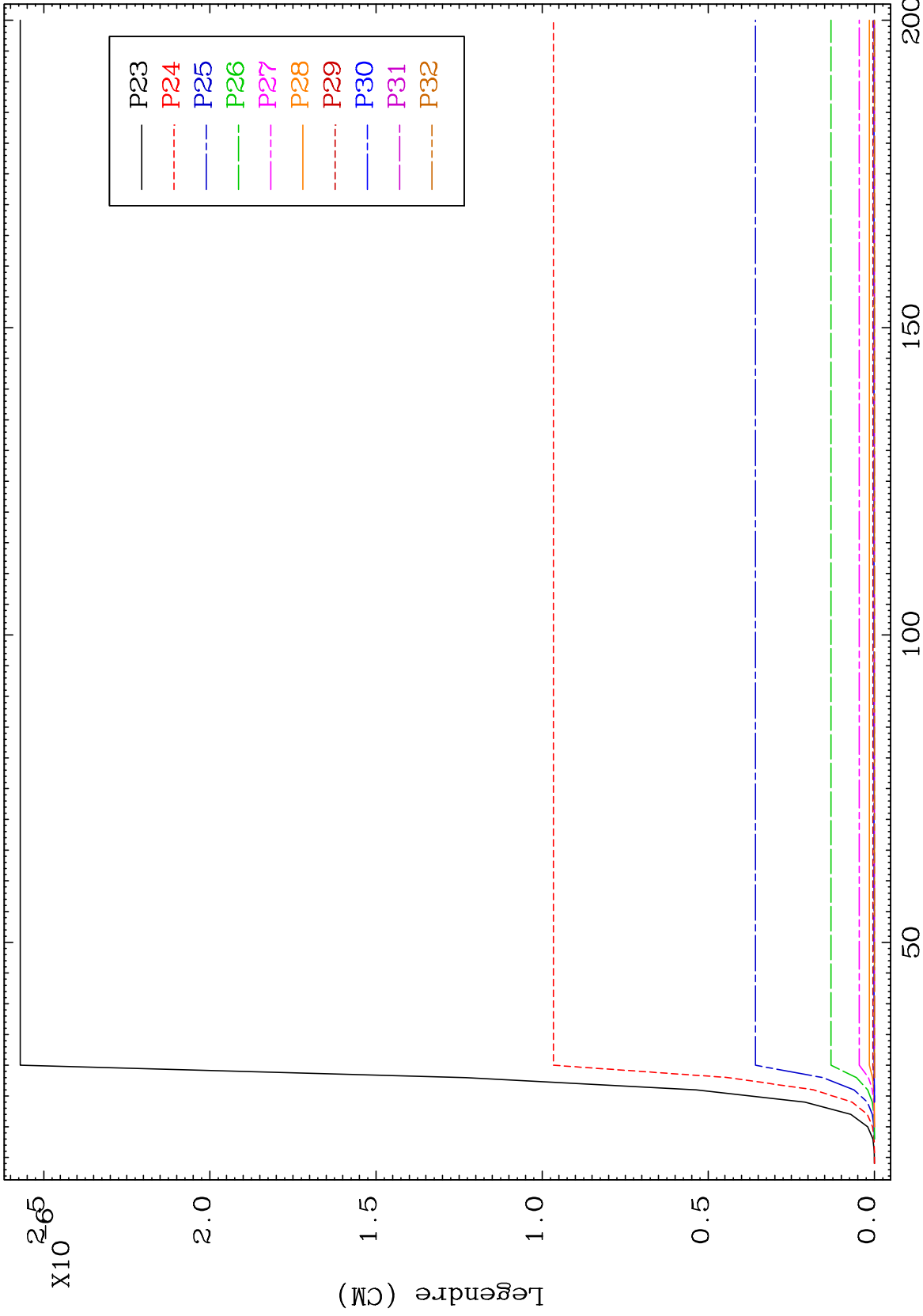
23-V -49



MAT 2322

MT= 74 (n,n') Level  
Legendre Coefficients

23-V -49



88

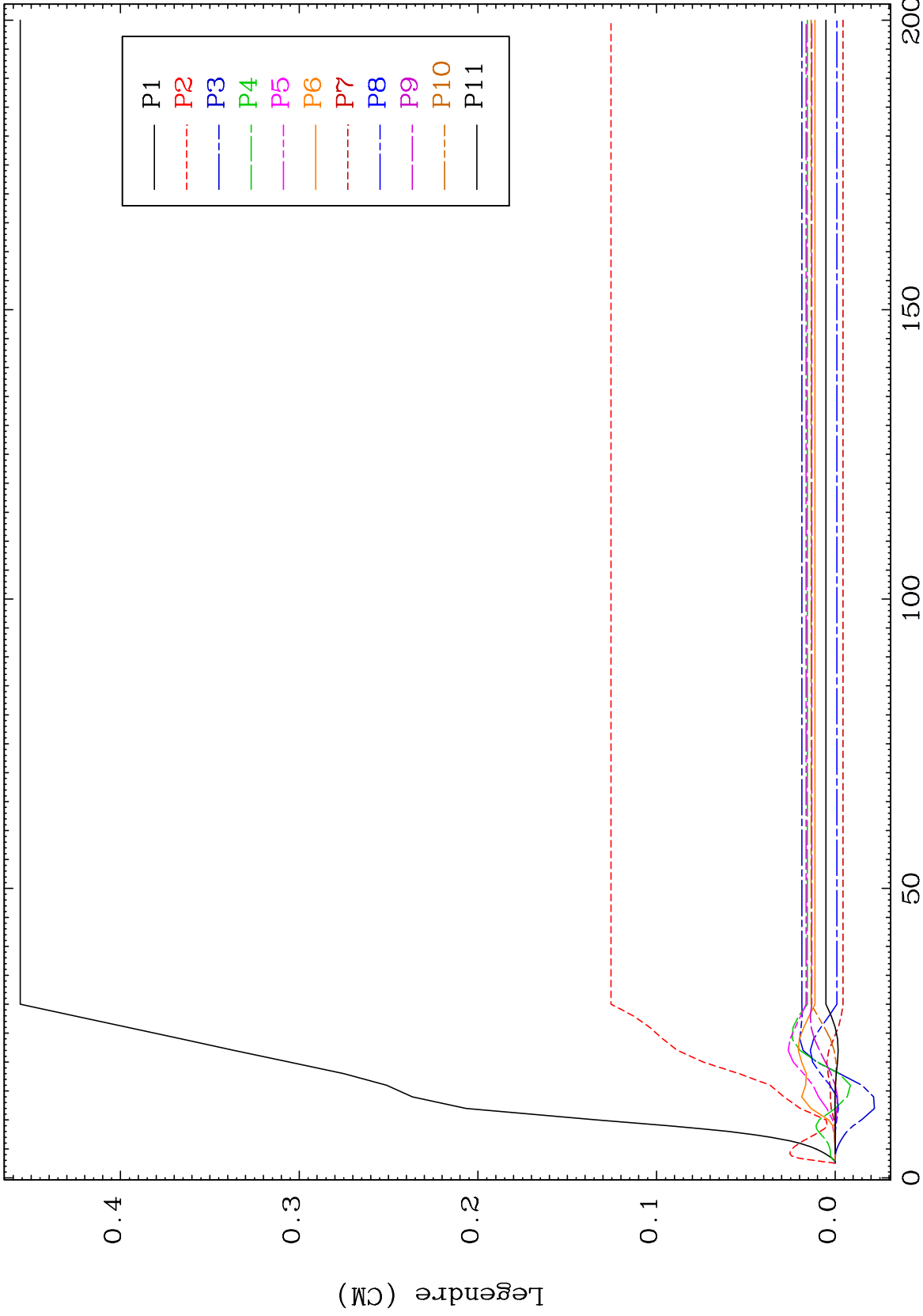
Incident Energy (MeV)

23-V -49

MAT 2322

MT= 75 (n,n') Level  
Legendre Coefficients

23-V -49



89

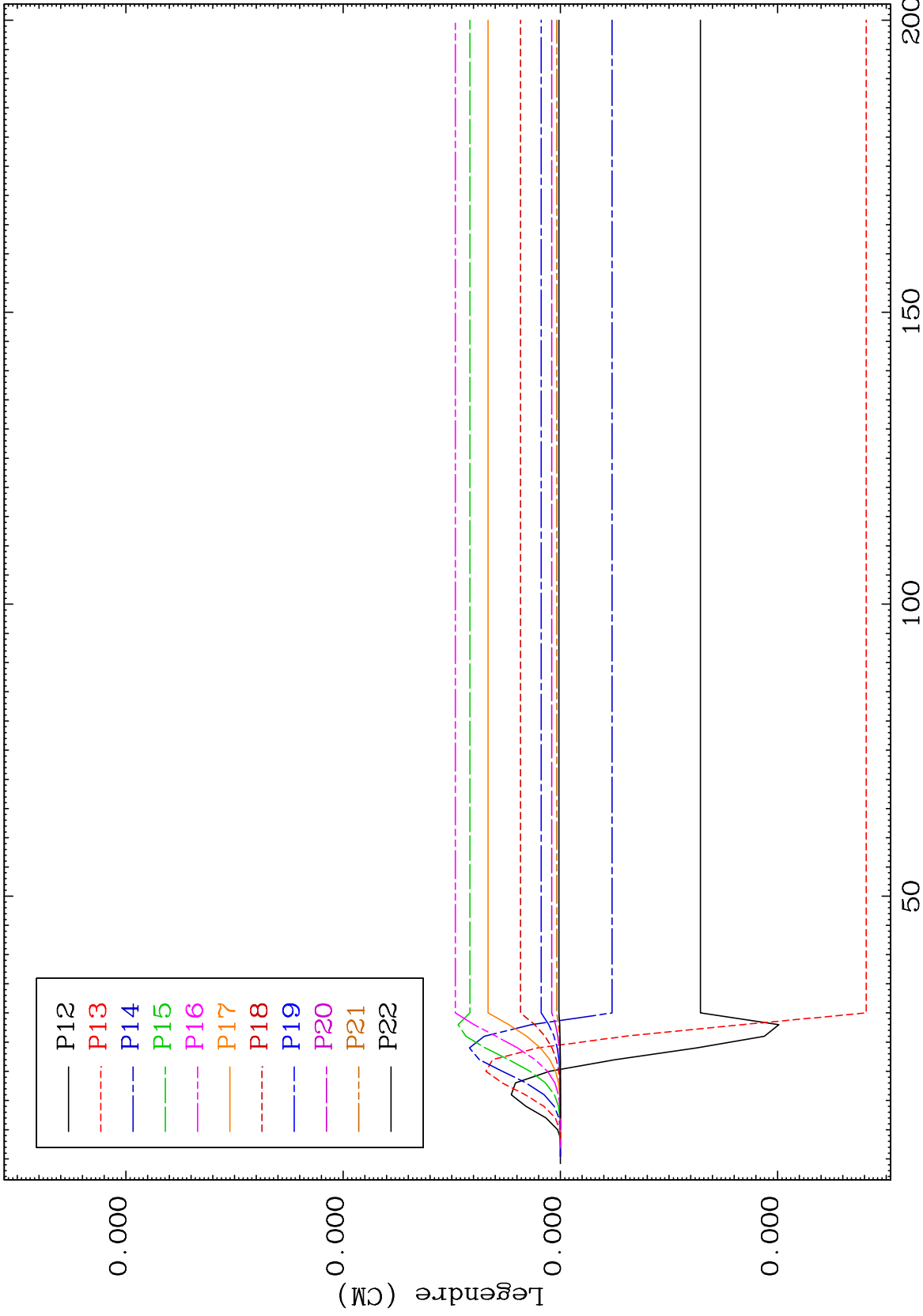
Incident Energy (MeV)

23-V -49

MAT 2322

MT= 75 (n,n') Level  
Legendre Coefficients

23-V -49



90

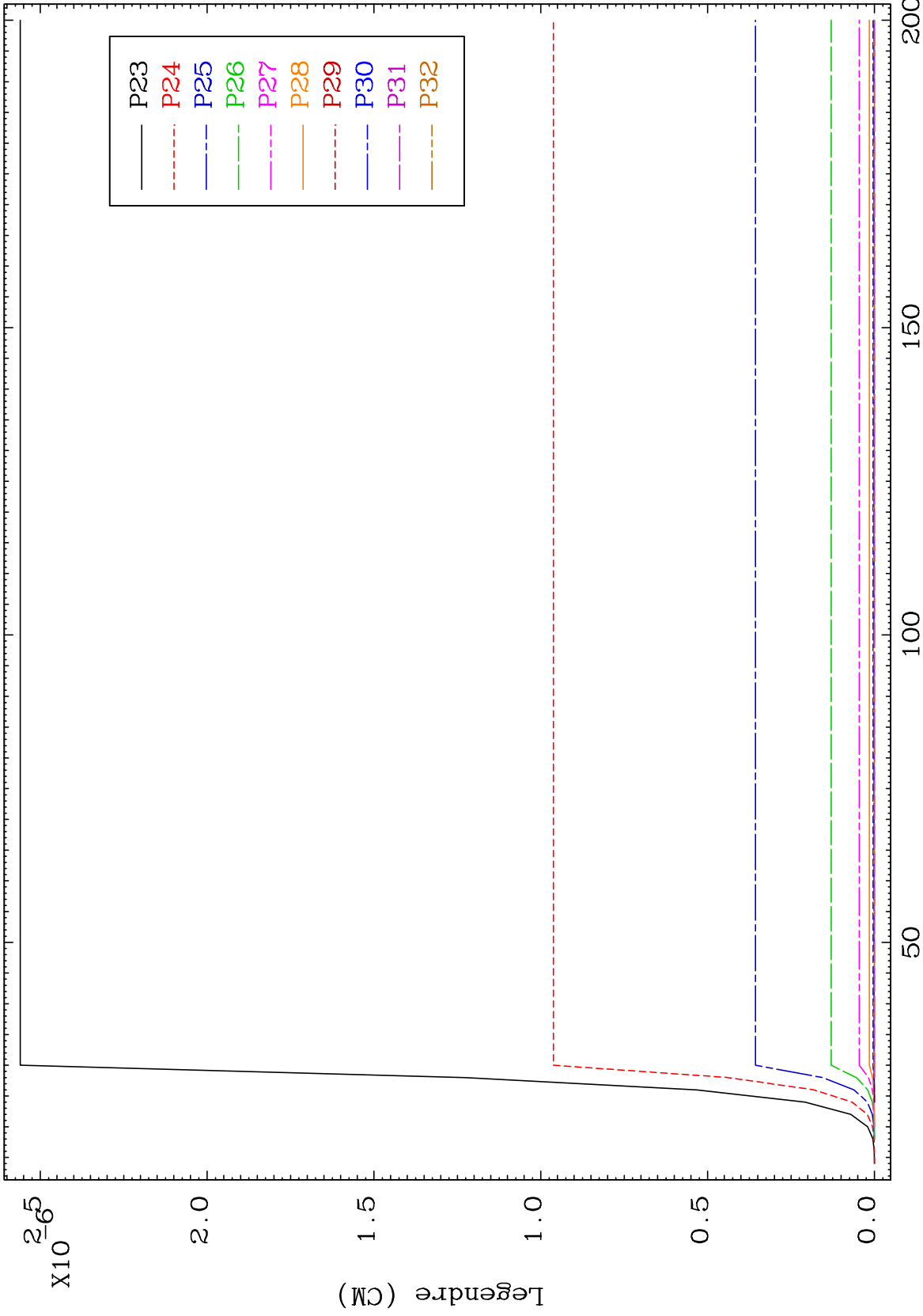
Incident Energy (MeV)

23-V -49

MAT 2322

MT= 75 (n,n') Level  
Legendre Coefficients

23-V -49



91

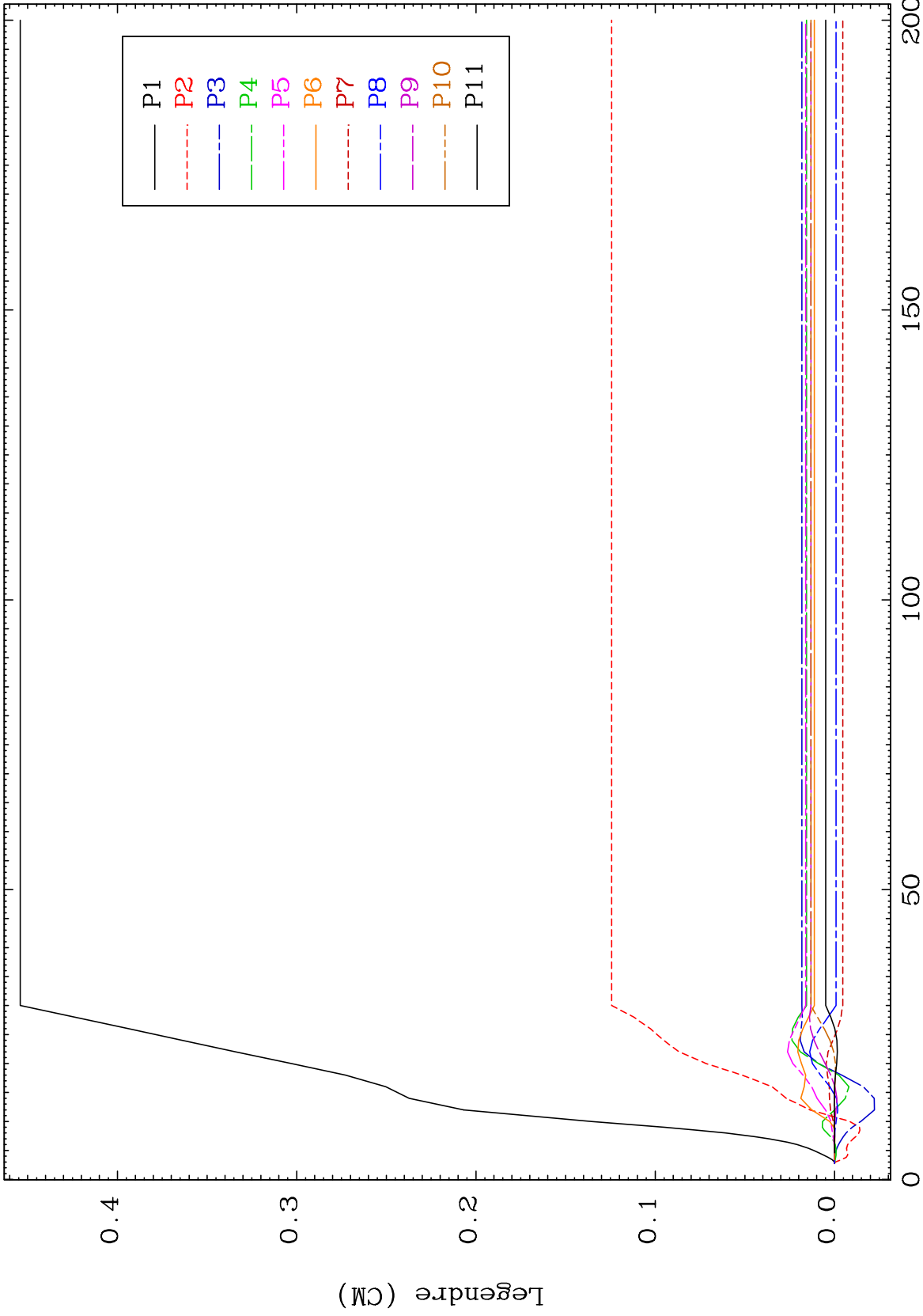
Incident Energy (MeV)

23-V -49

MAT 2322

MT= 76 (n,n') Level  
Legendre Coefficients

23-V -49



92

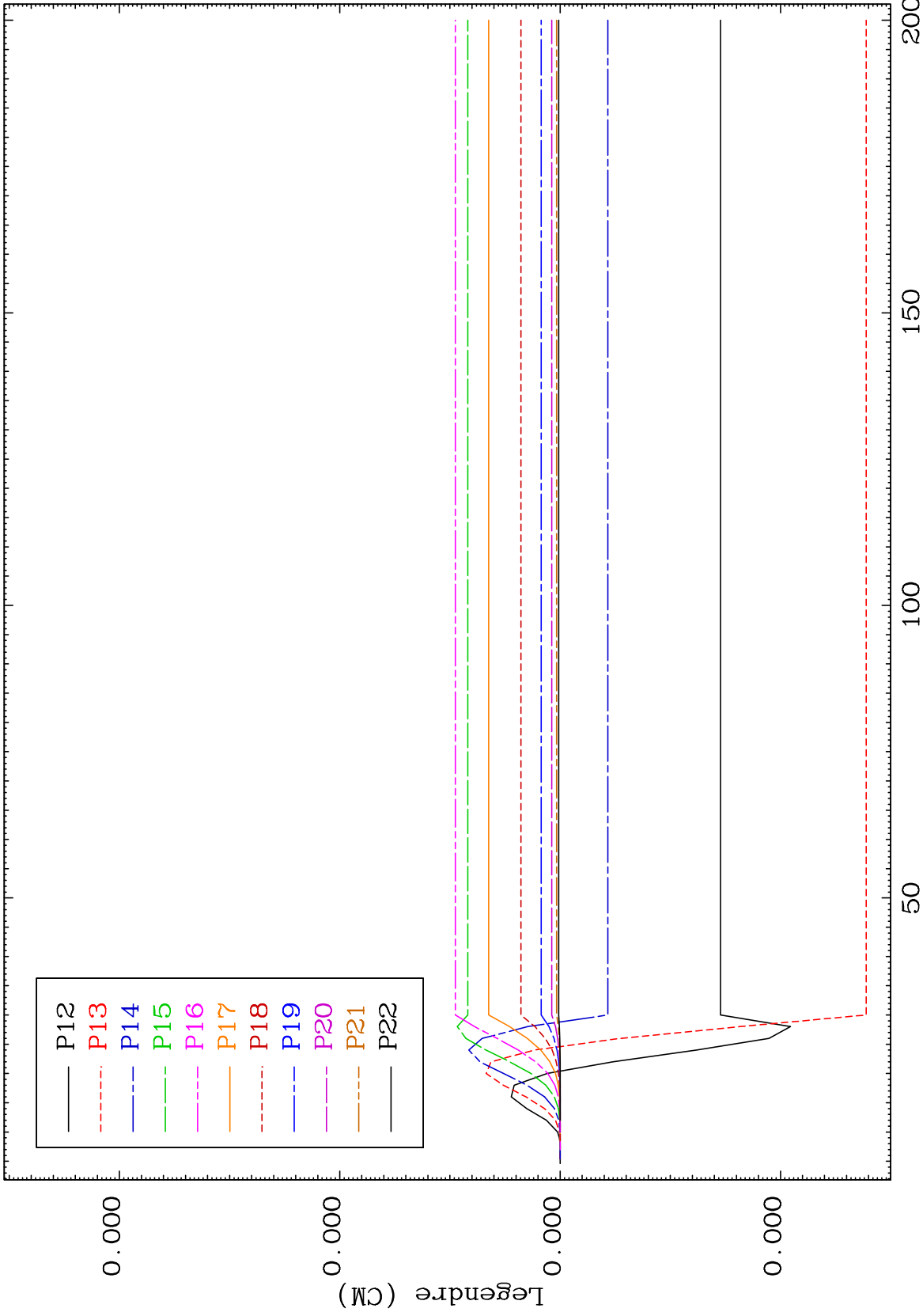
Incident Energy (MeV)

23-V -49

MAT 2322

MT= 76 (n,n') Level  
Legendre Coefficients

23-V -49



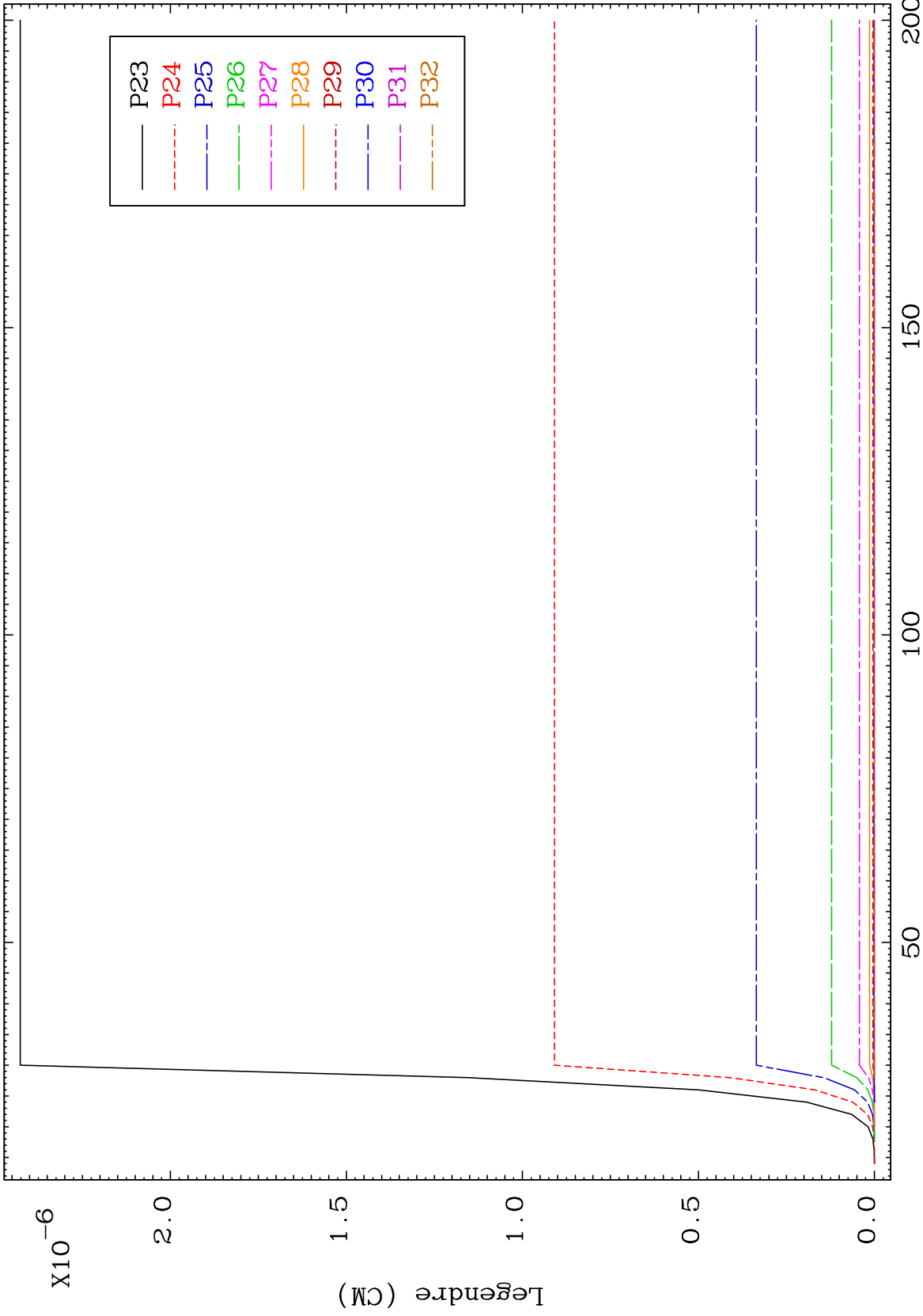
93

23-V -49

MAT 2322

MT= 76 (n,n') Level  
Legendre Coefficients

23-V -49



94

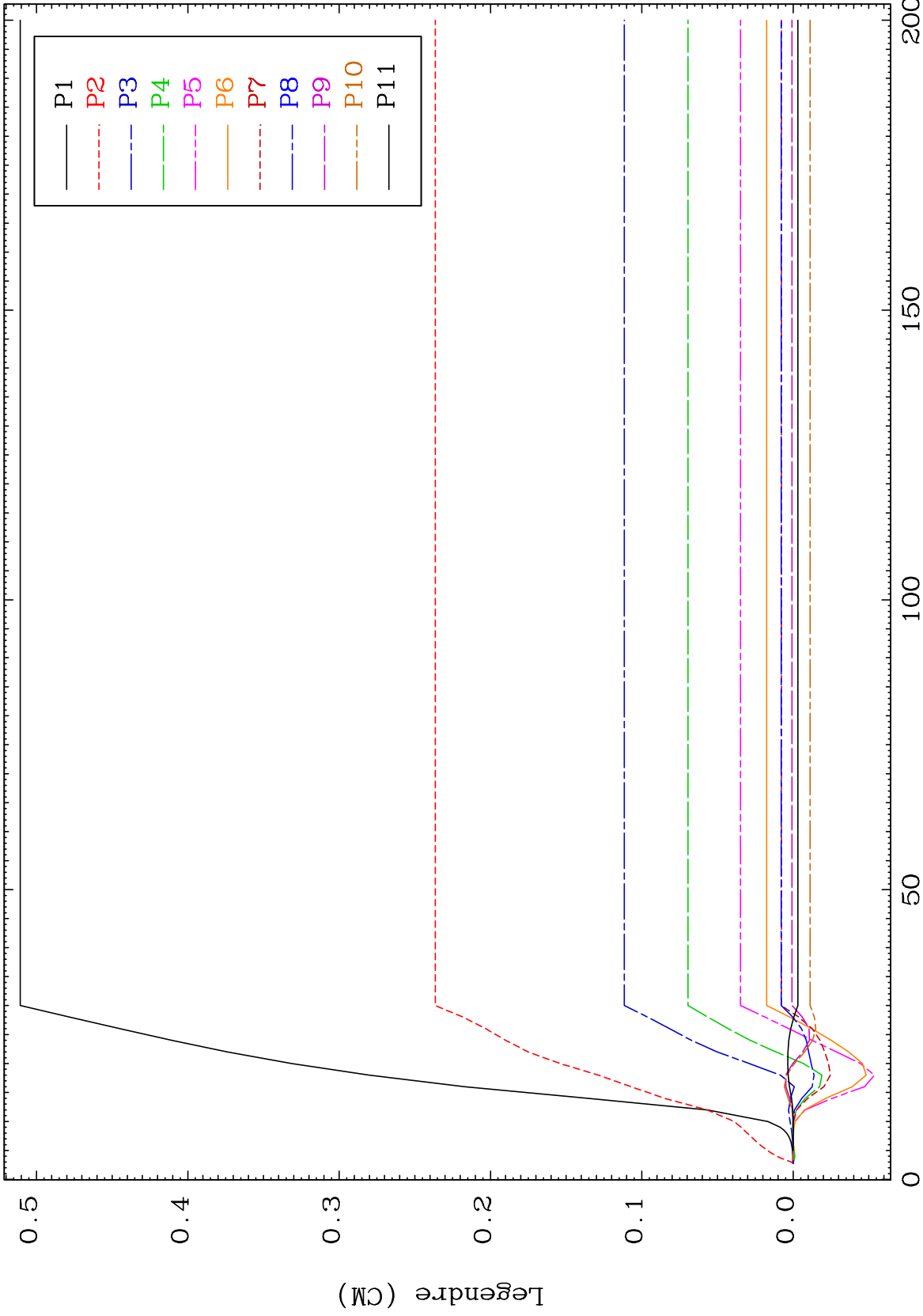
Incident Energy (MeV)

23-V -49

MAT 2322

MT= 77 (n,n') Level  
Legendre Coefficients

23-V -49

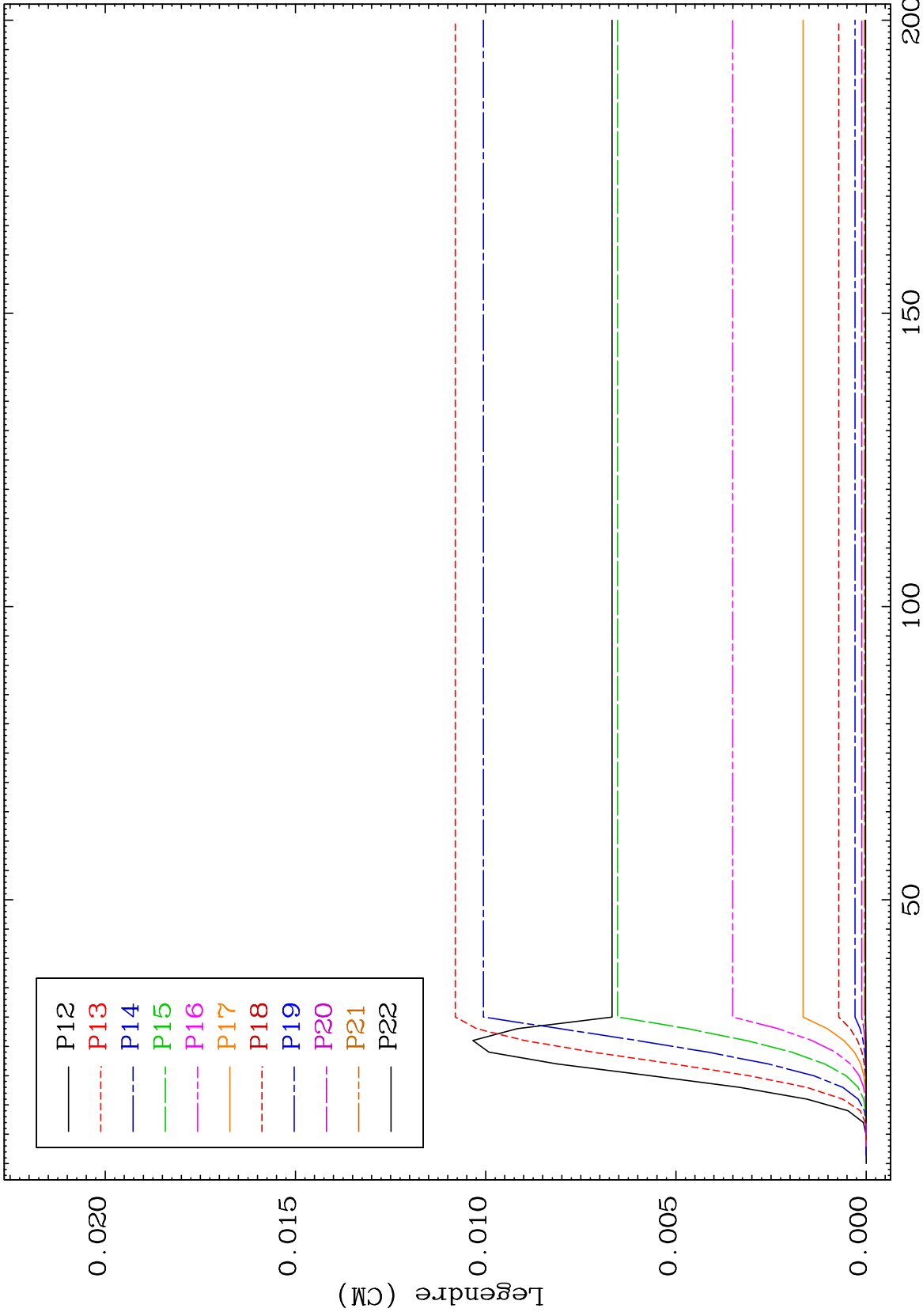


95

Incident Energy (MeV)

23-V -49

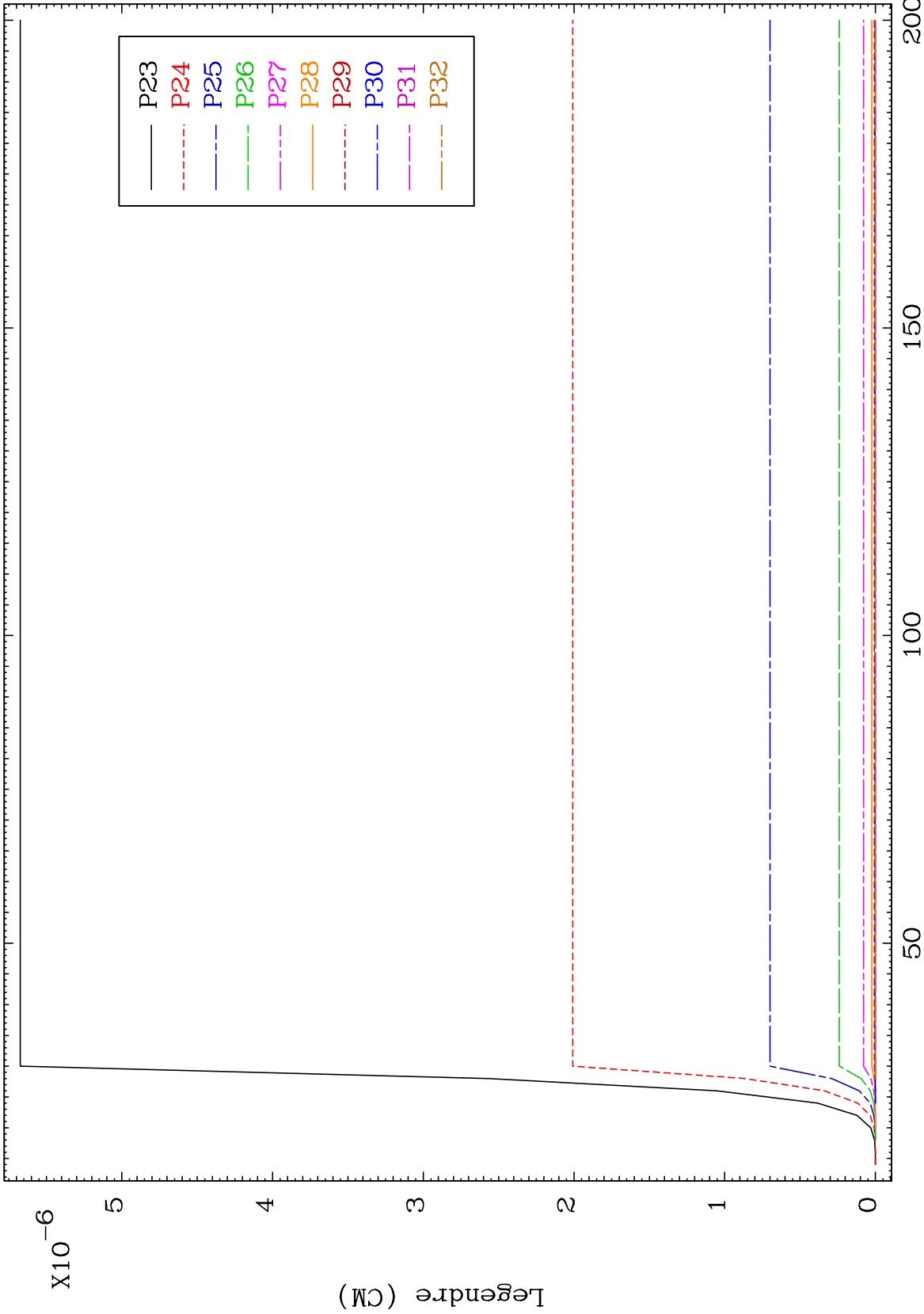




MAT 2322

MT= 77 (n,n') Level  
Legendre Coefficients

23-V -49



97

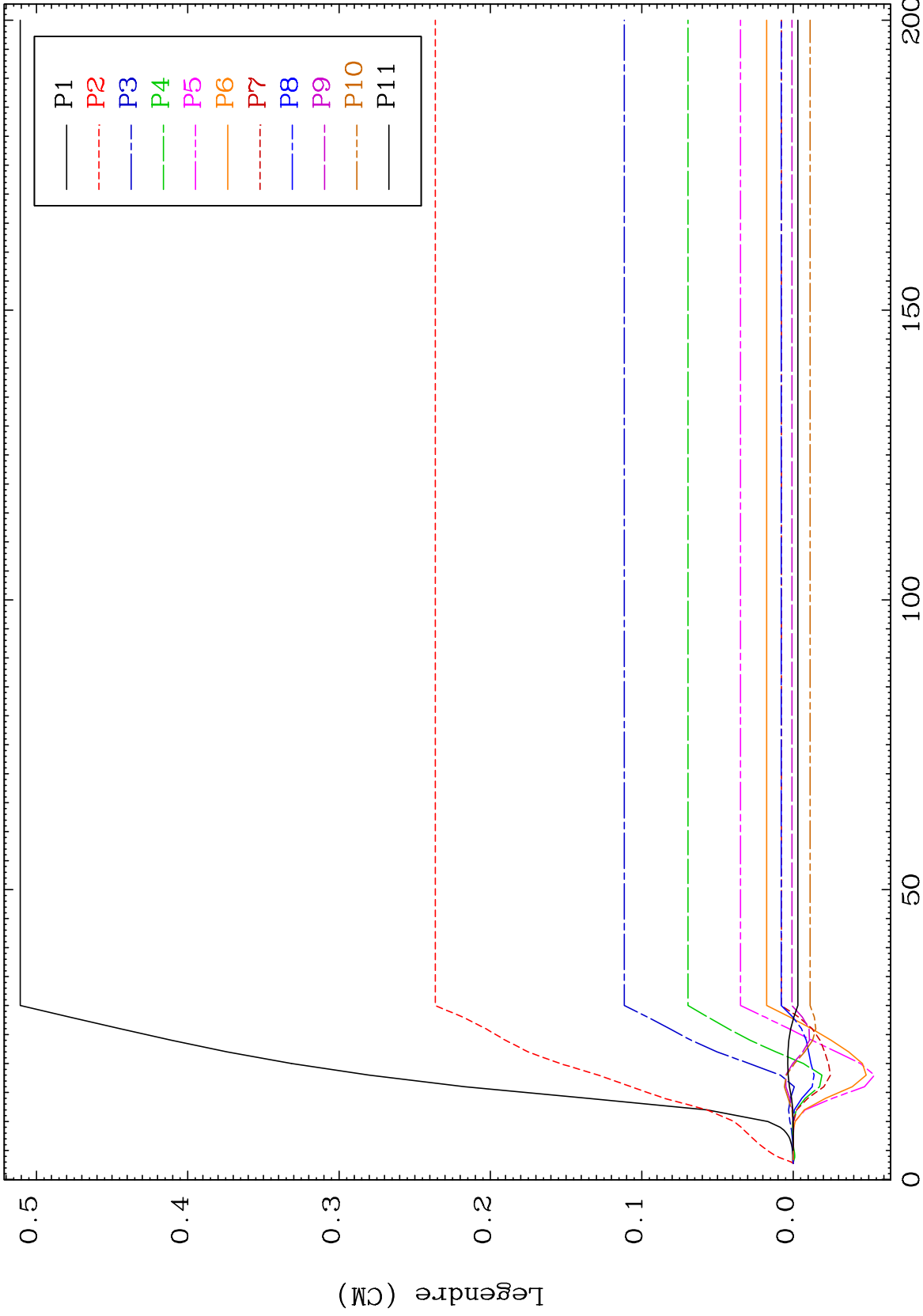
Incident Energy (MeV)

23-V -49

MAT 2322

MT= 78 (n,n') Level  
Legendre Coefficients

23-V -49



98

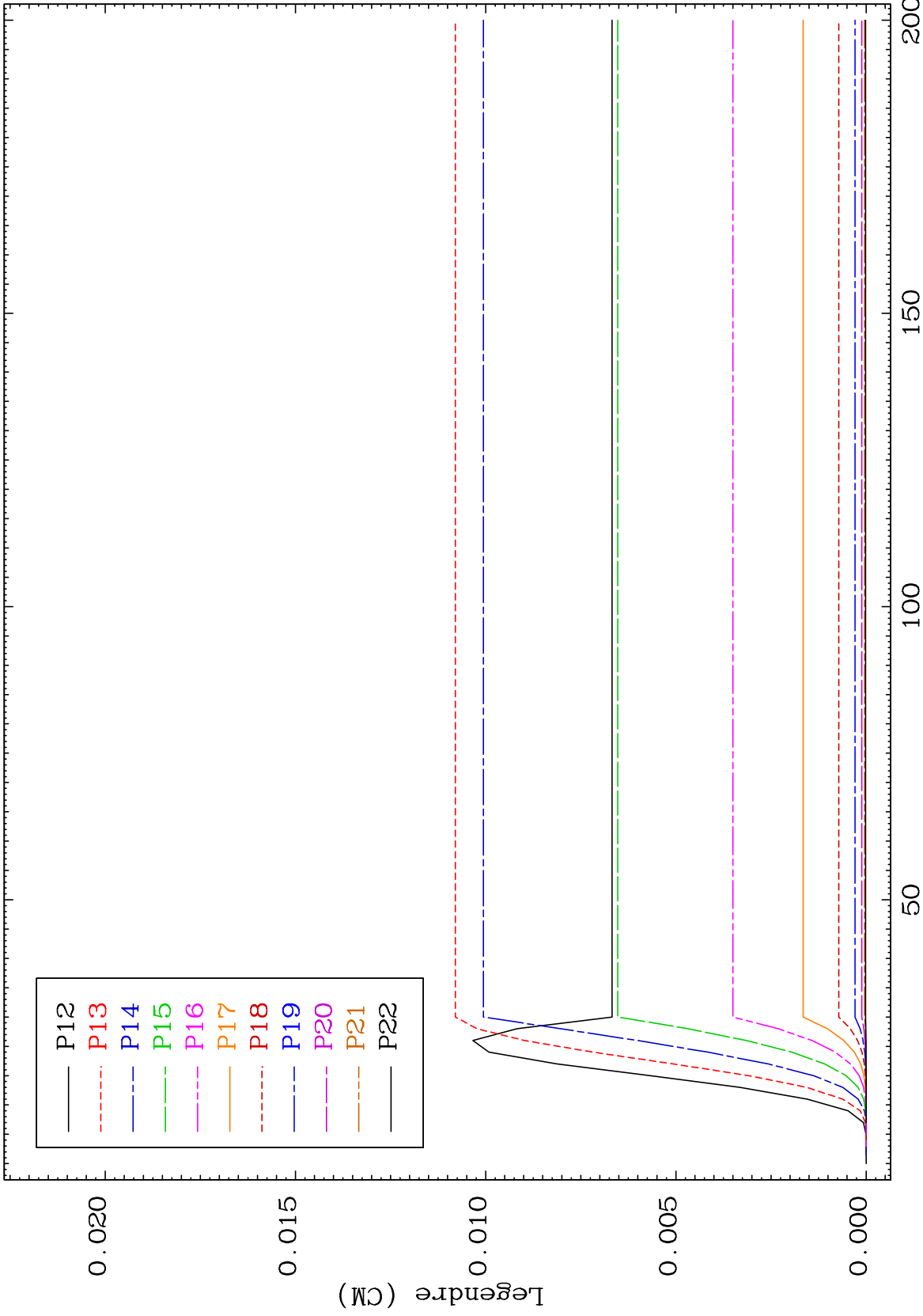
Incident Energy (MeV)

23-V -49

MAT 2322

MT= 78 (n,n') Level  
Legendre Coefficients

23-V -49



99

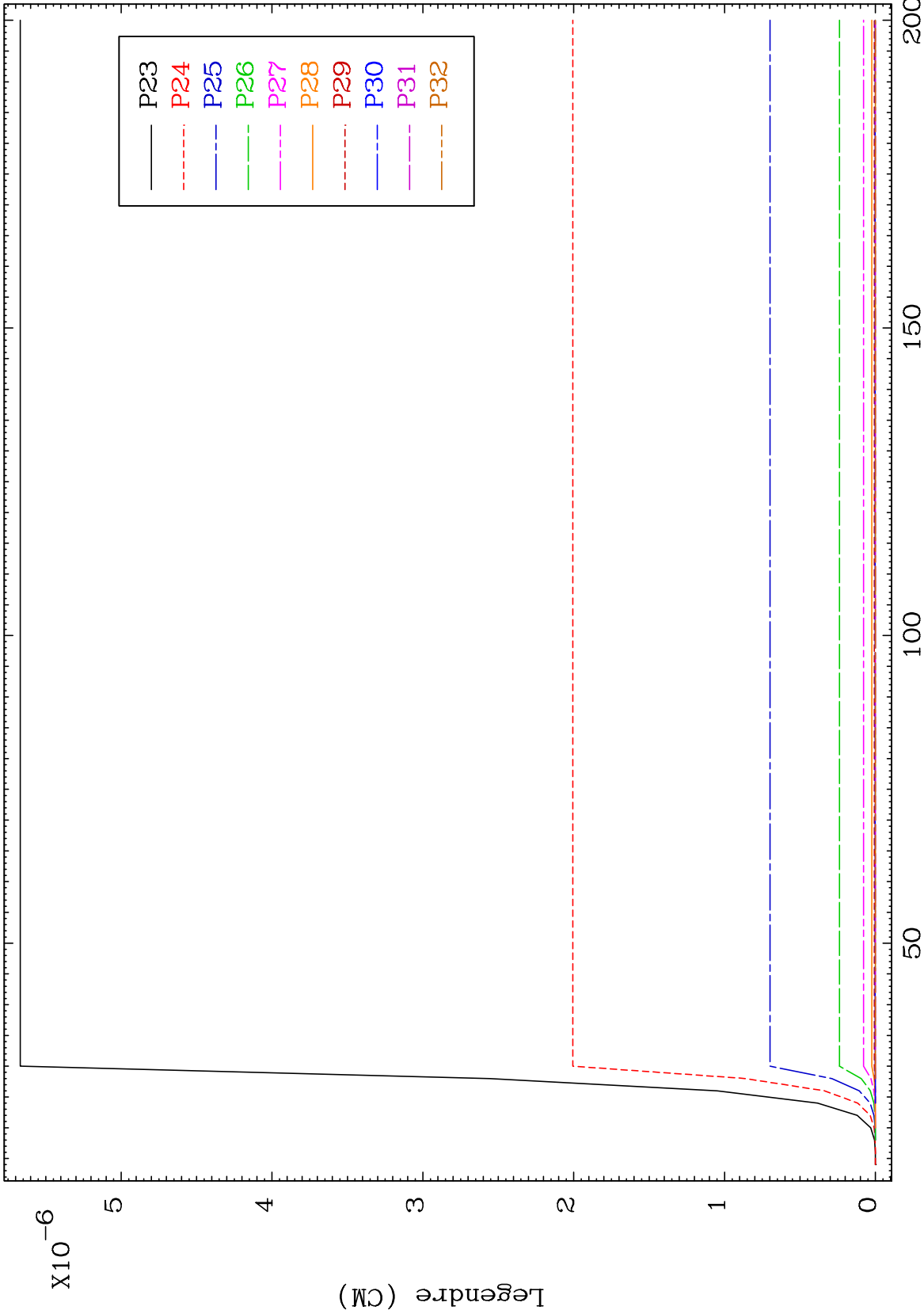
Incident Energy (MeV)

23-V -49

MAT 2322

MT= 78 (n,n') Level  
Legendre Coefficients

23-V -49



100

50

100

150

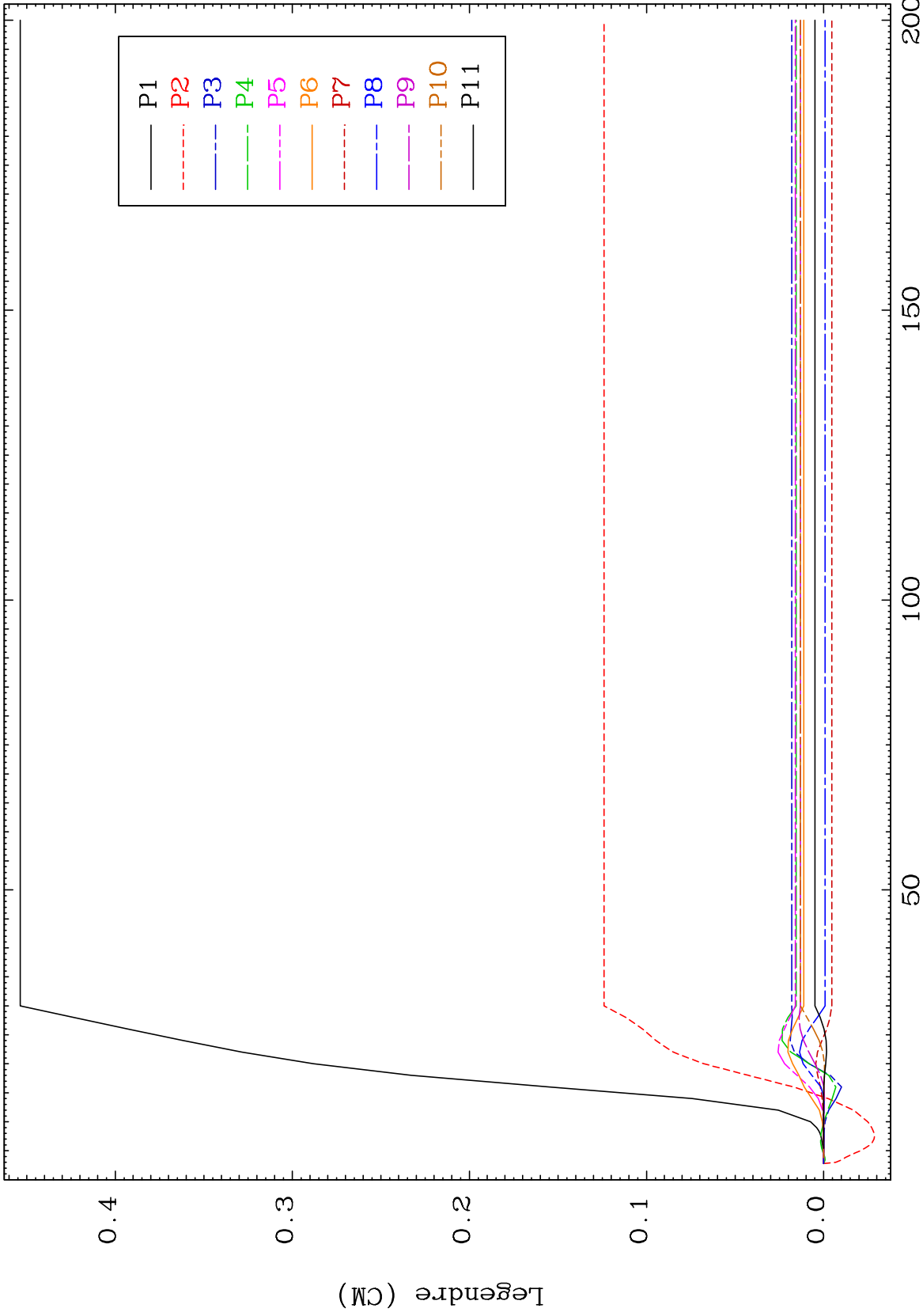
200

23-V -49

MAT 2322

MT= 79 (n,n') Level  
Legendre Coefficients

23-V -49



101

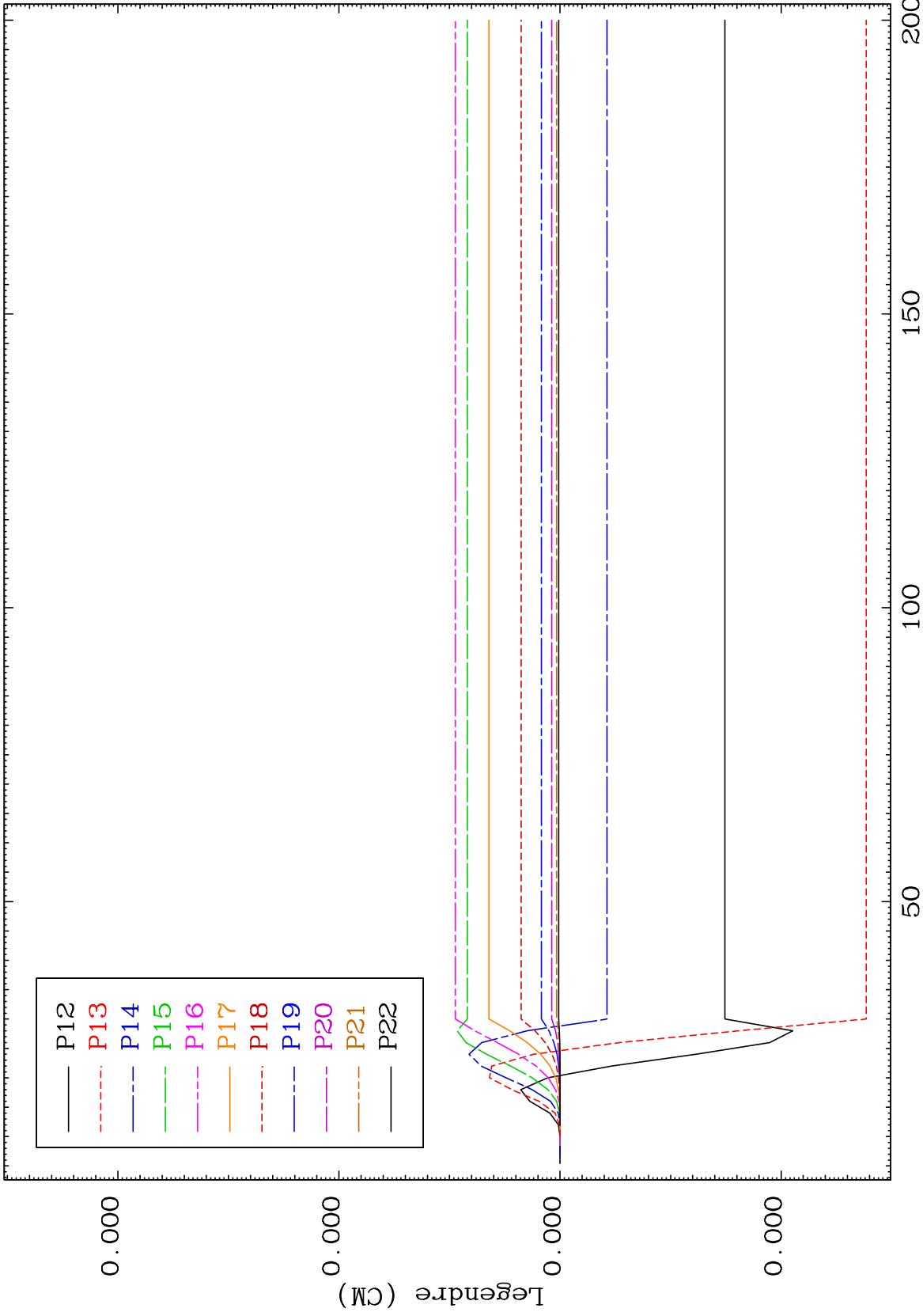
Incident Energy (MeV)

23-V -49

MAT 2322

MT= 79 (n,n') Level  
Legendre Coefficients

23-V -49



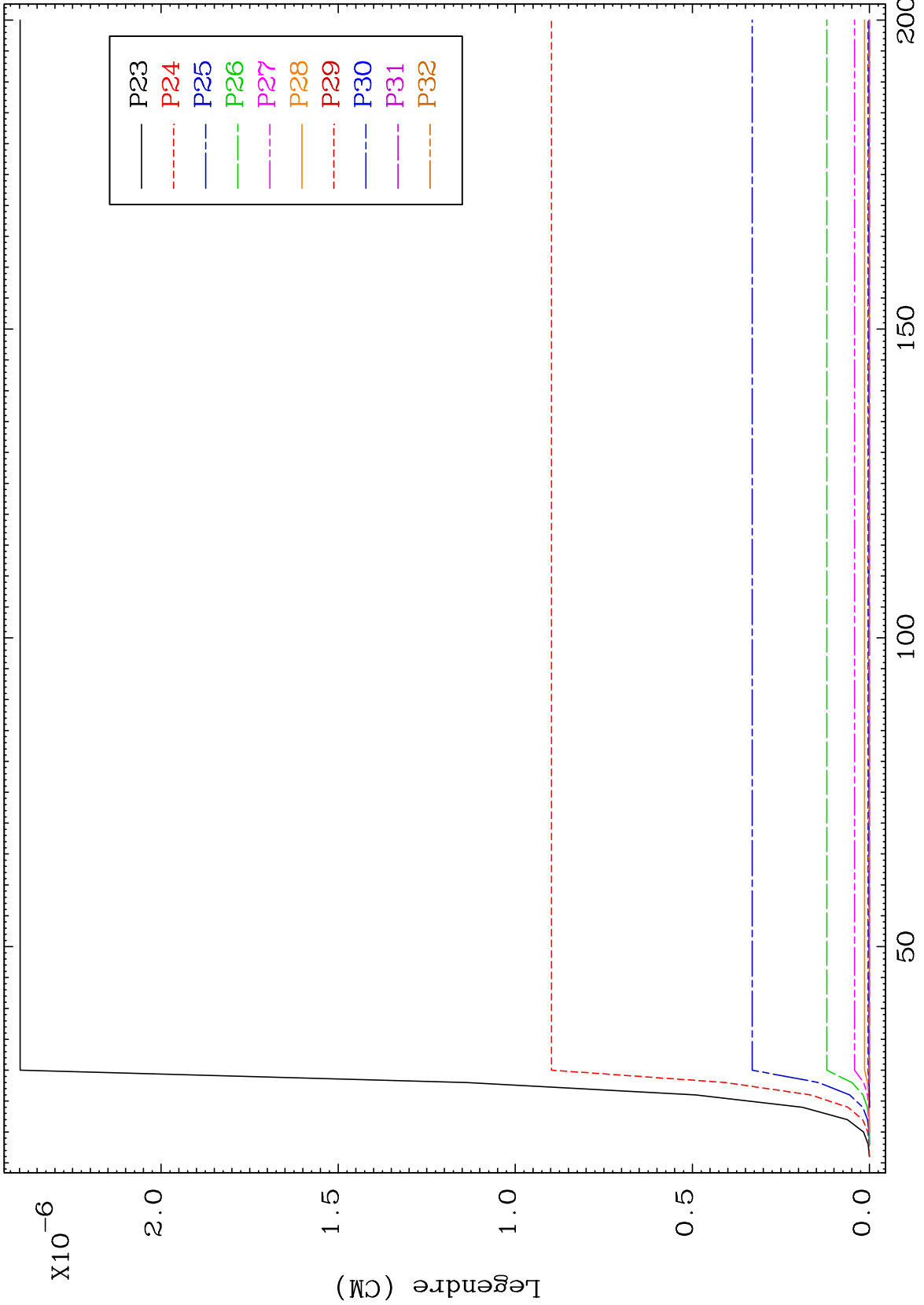
102

23-V -49

MAT 2322

MT= 79 (n,n') Level  
Legendre Coefficients

23-V -49



103

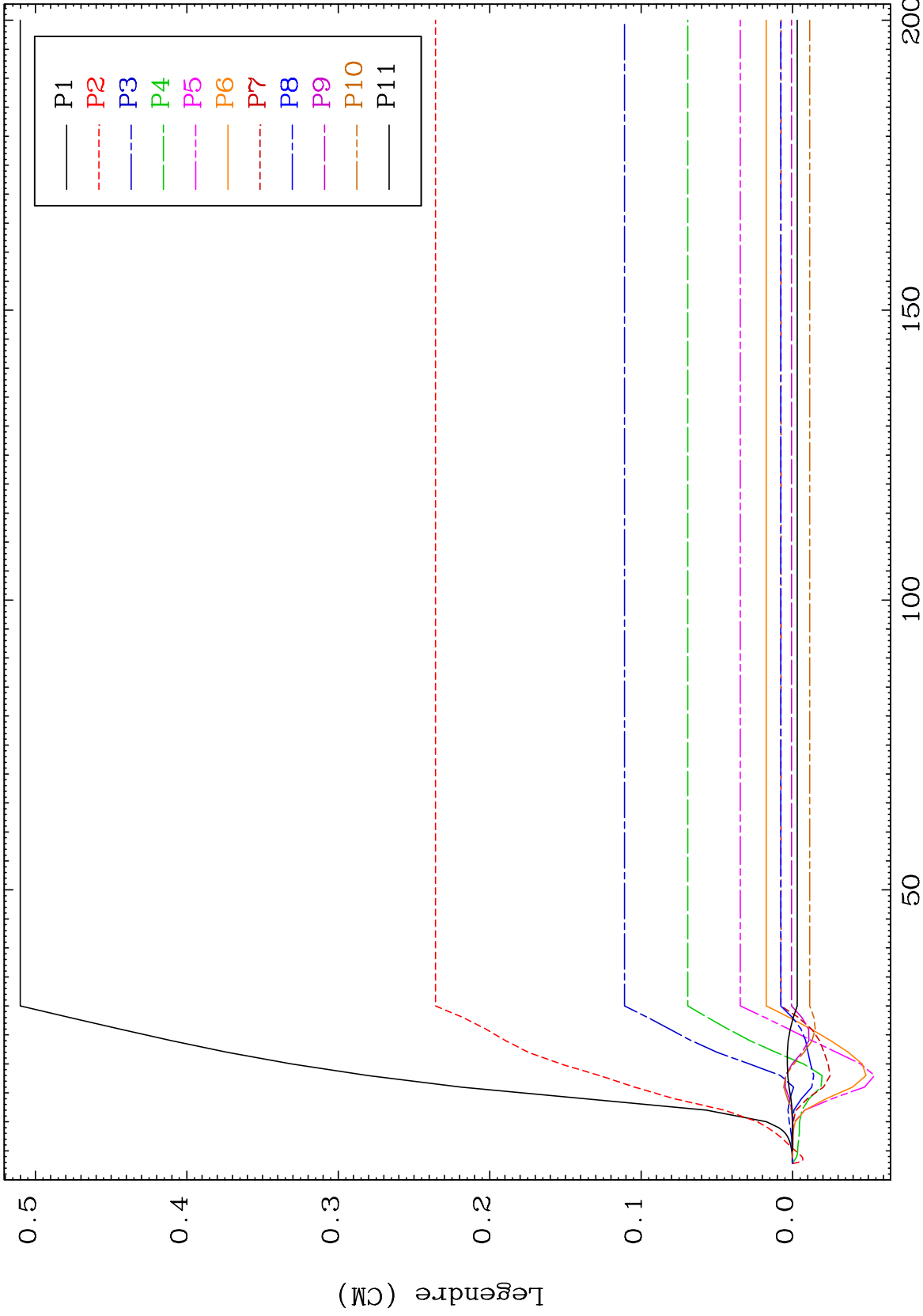
23-V -49



MAT 2322

MT= 80 (n,n') Level  
Legendre Coefficients

23-V -49



104

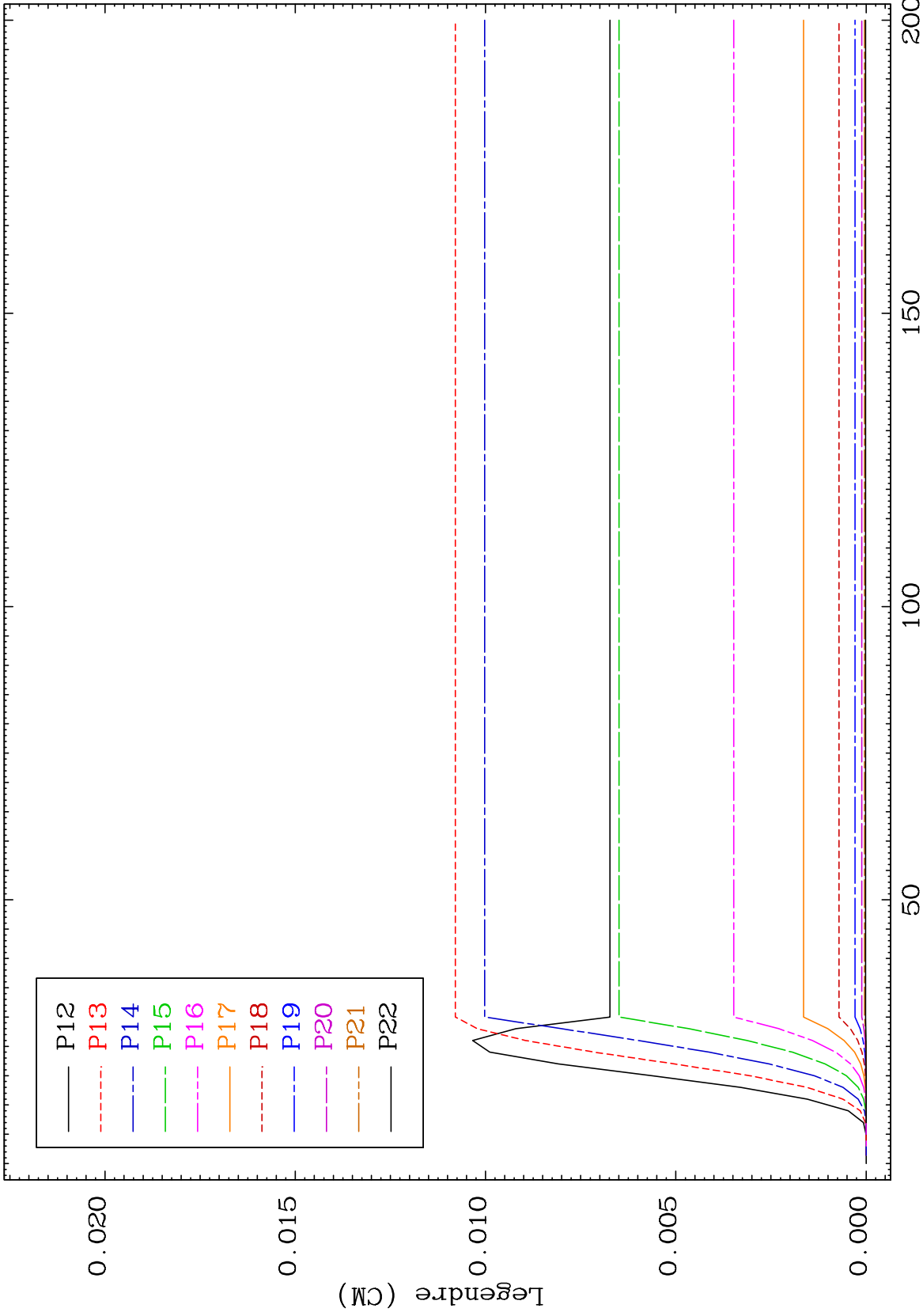
Incident Energy (MeV)

23-V -49

MAT 2322

MT= 80 (n,n') Level  
Legendre Coefficients

23-V -49



105

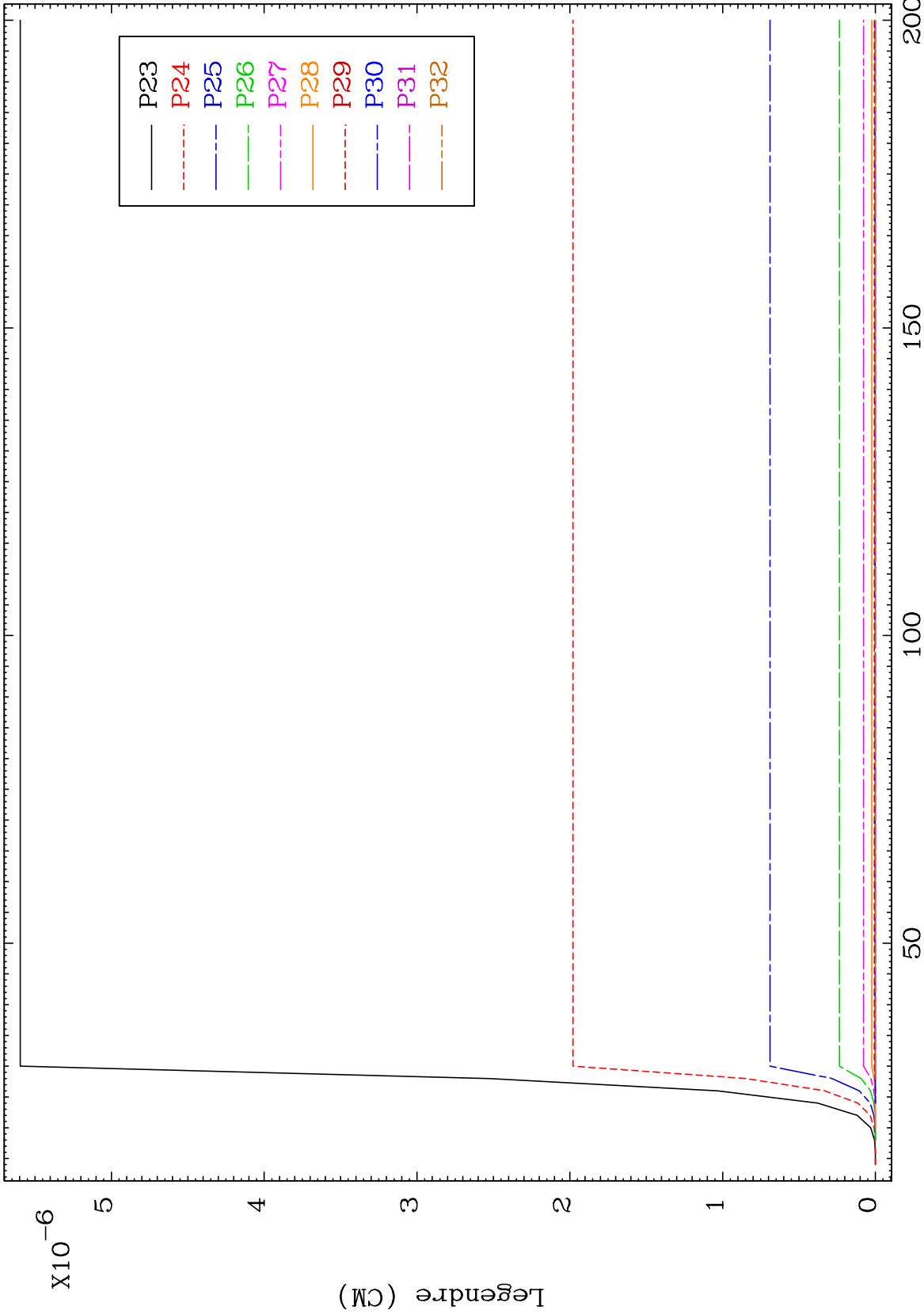
Incident Energy (MeV)

23-V -49

MAT 2322

MT= 80 (n,n') Level  
Legendre Coefficients

23-V -49



106

Incident Energy (MeV)

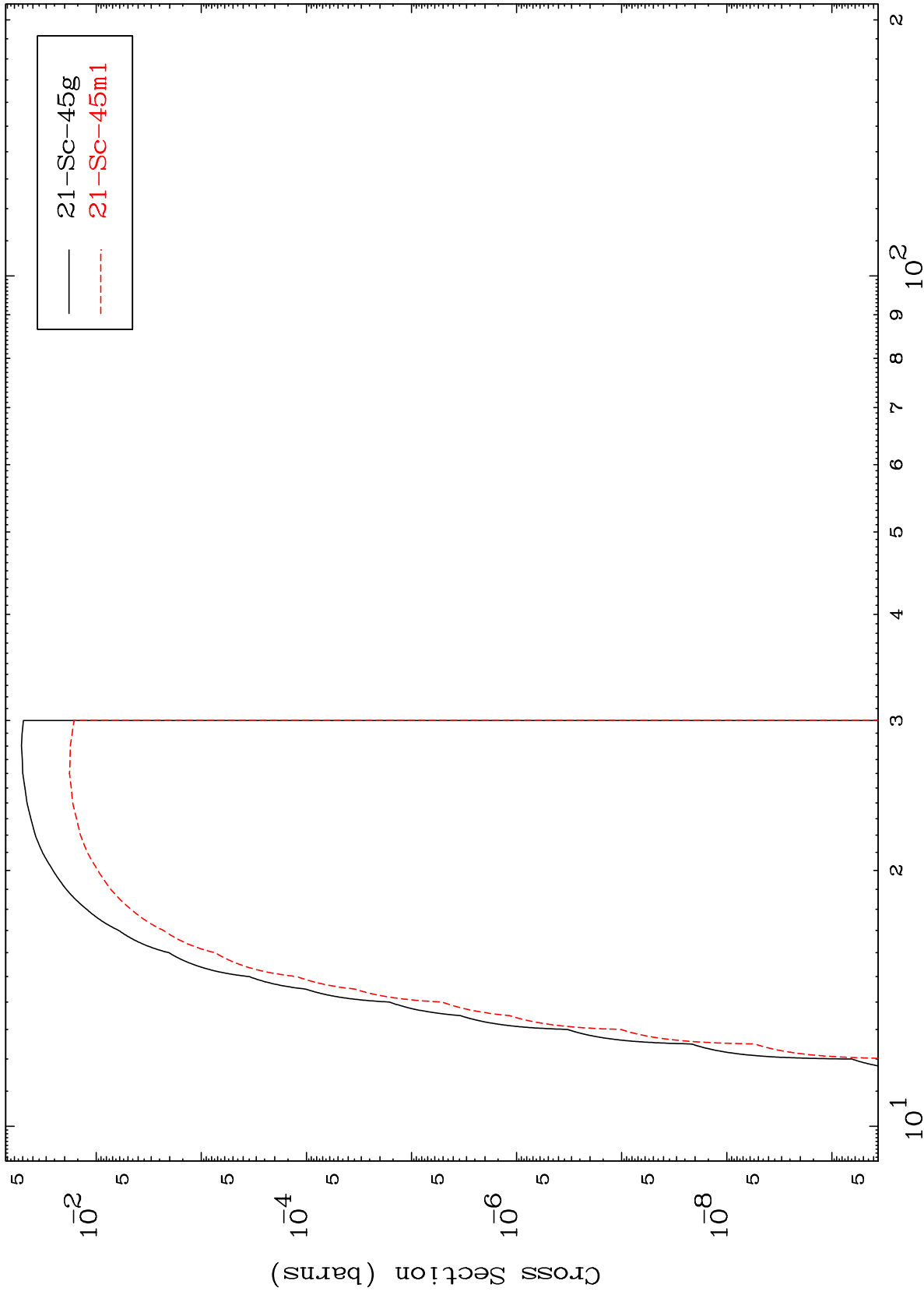
23-V -49

MAT 2322

(n,n')  $\alpha$

23-V -49

Radionuclide Production Cross Section

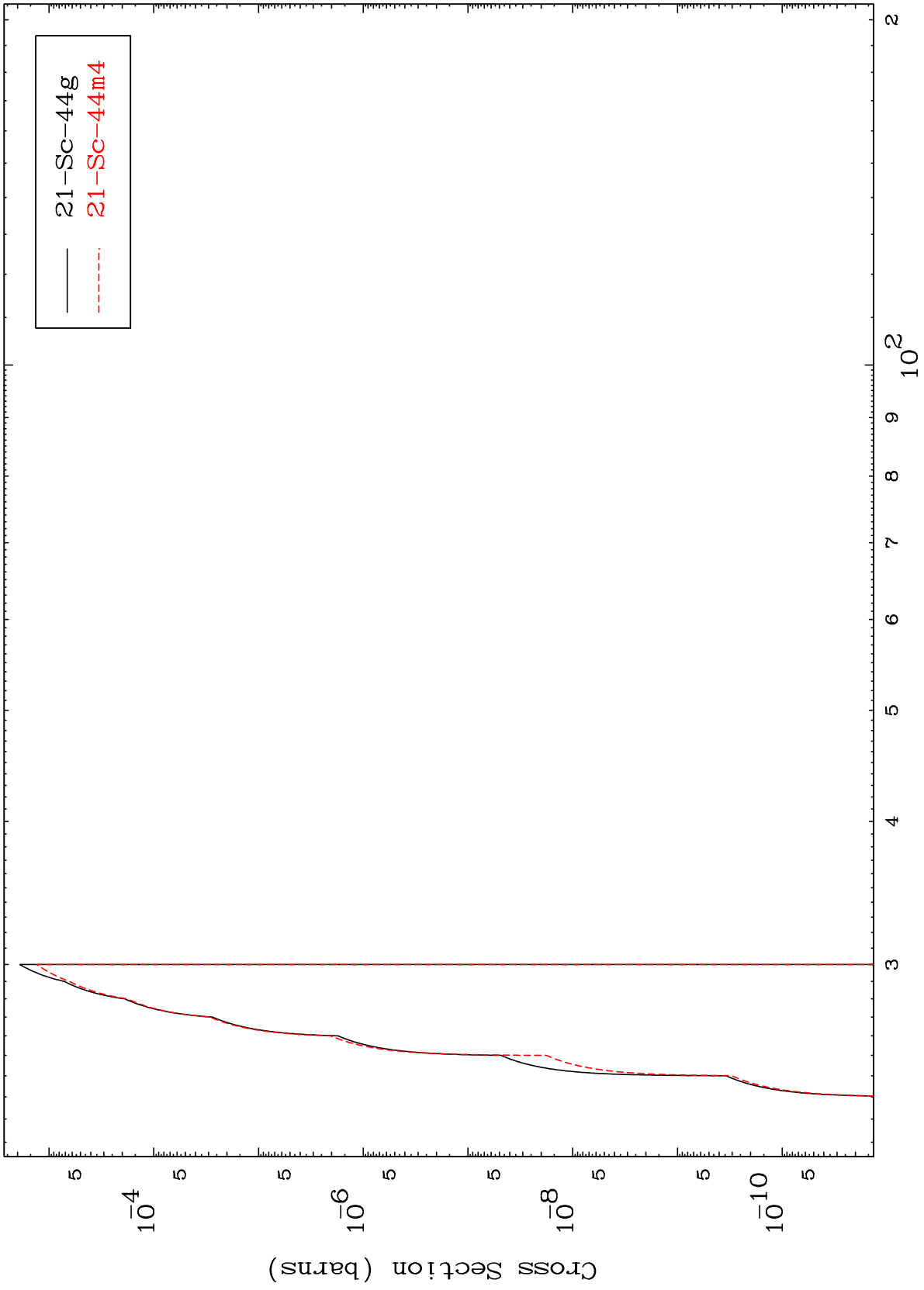


10<sup>1</sup>

Incident Energy (MeV)

23-V -49

Radionuclide Production Cross Section

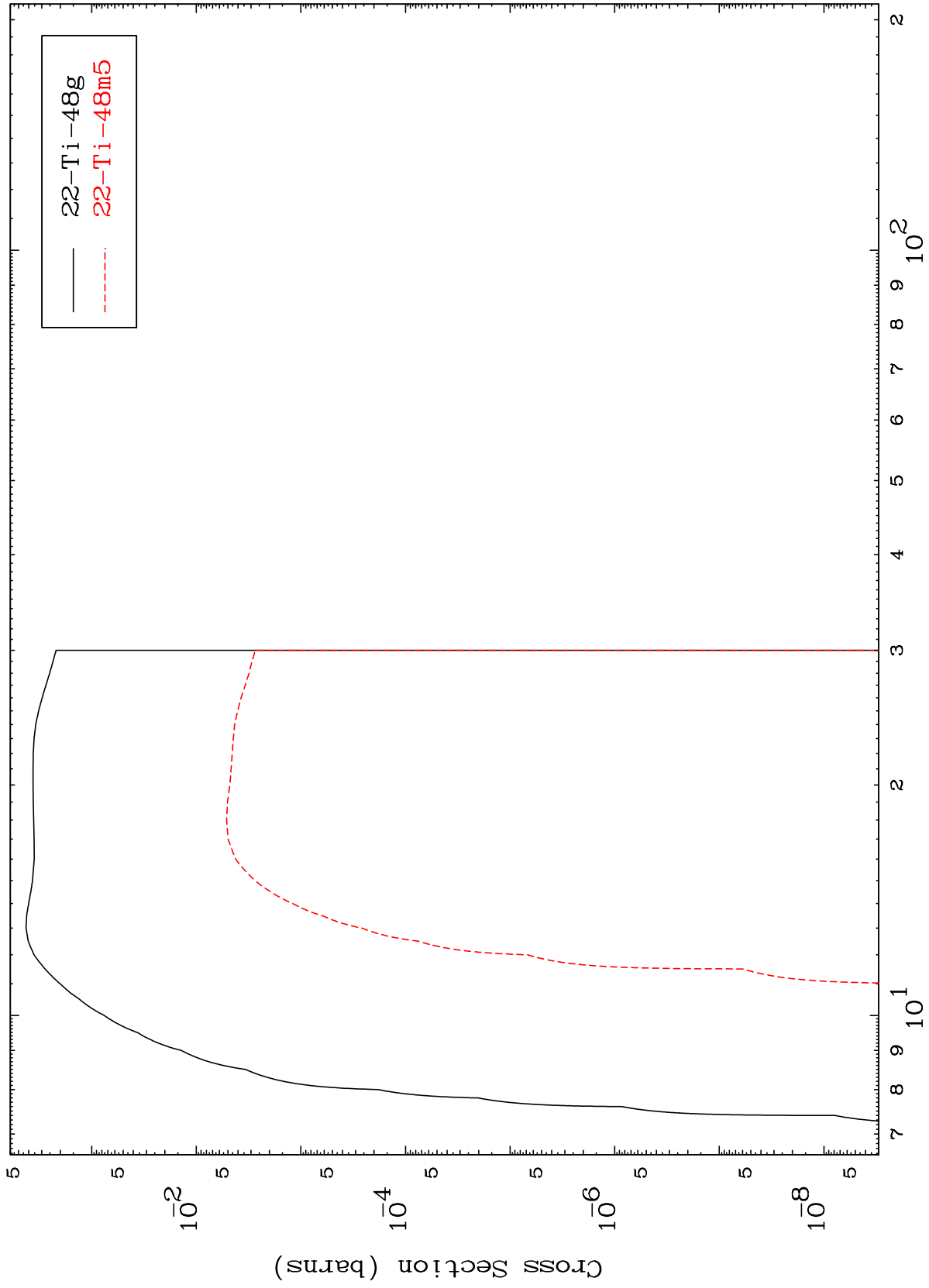


MAT 2322

(n,n') p

23-V -49

Radionuclide Production Cross Section



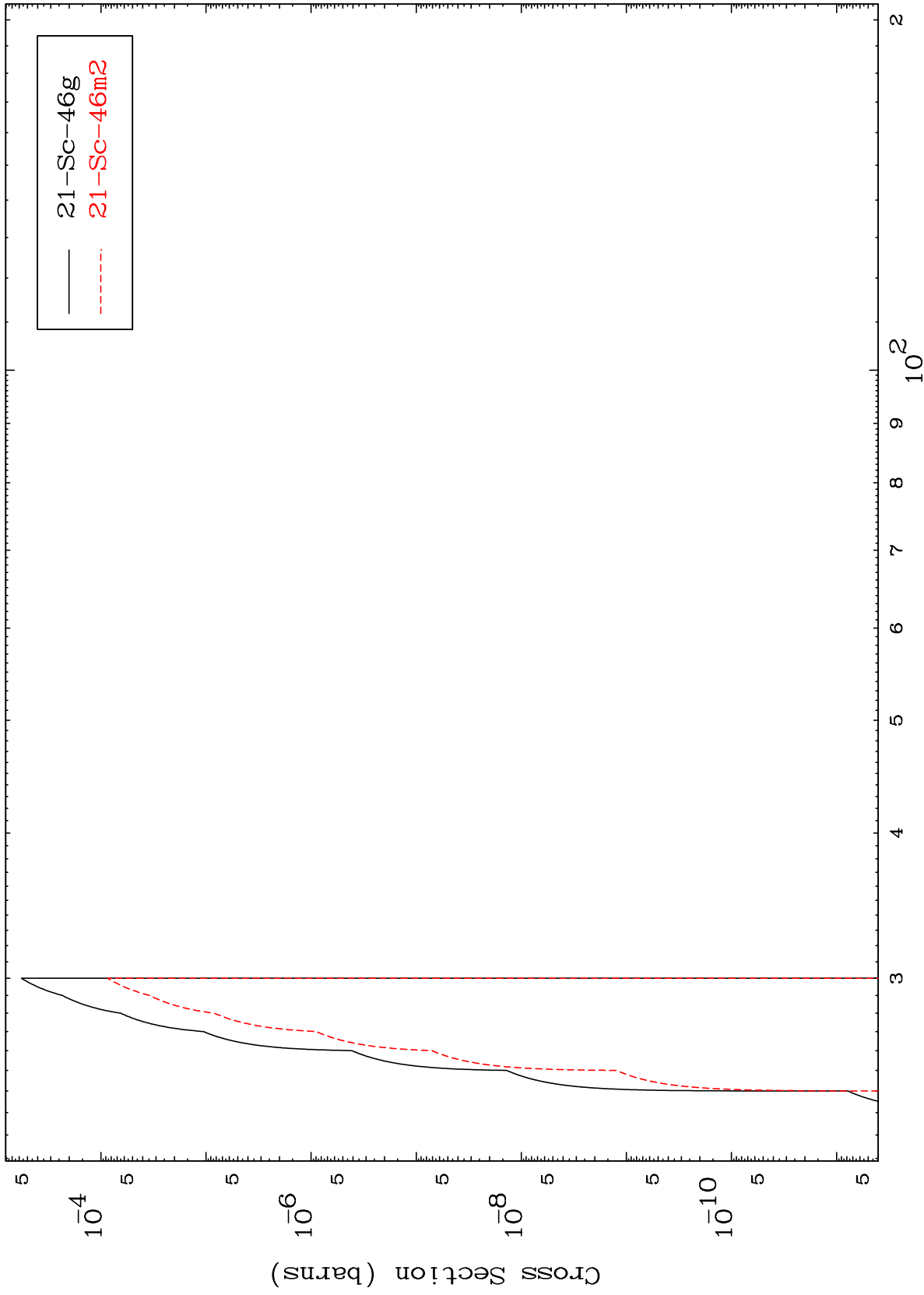
—  $^{22}\text{Ti}-48\text{g}$   
- - -  $^{22}\text{Ti}-48\text{m5}$

109

Incident Energy (MeV)

23-V -49

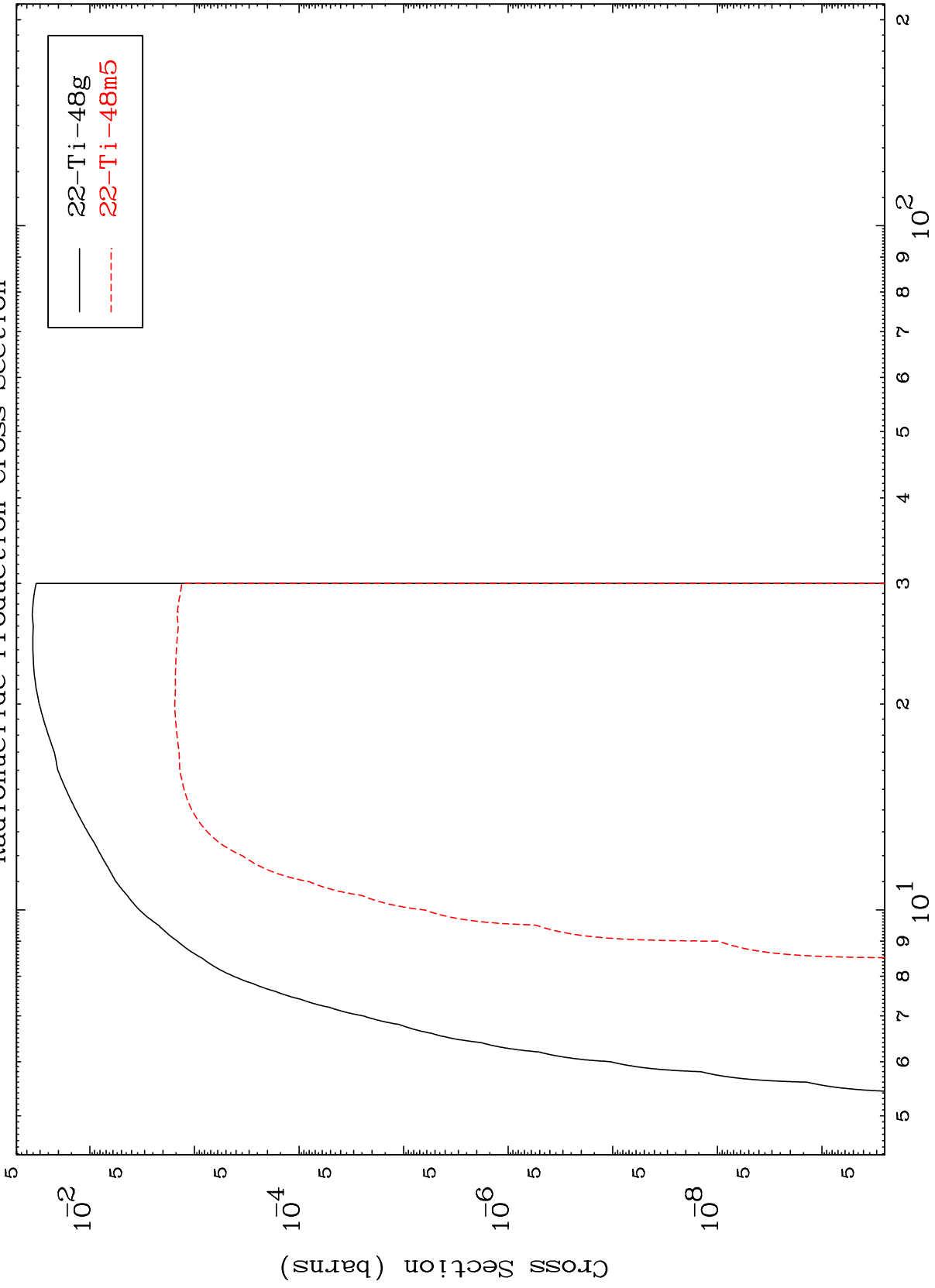
Radionuclide Production Cross Section



MAT 2322

23-V -49

(n,d)  
Radionuclide Production Cross Section



23-V -49

Incident Energy (MeV)

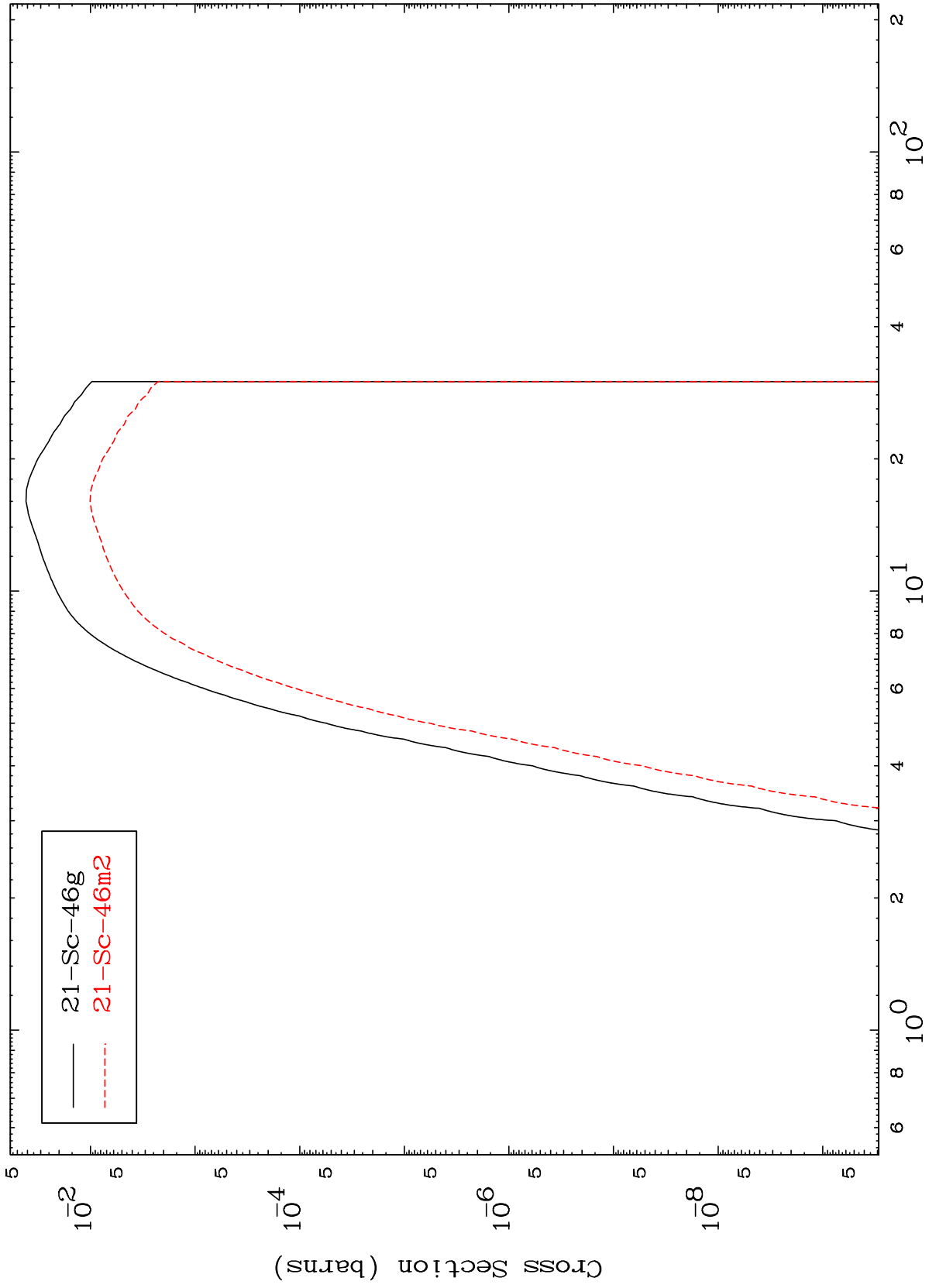
111



MAT 2322

23-V -49

(n,α)  
Radionuclide Production Cross Section



112

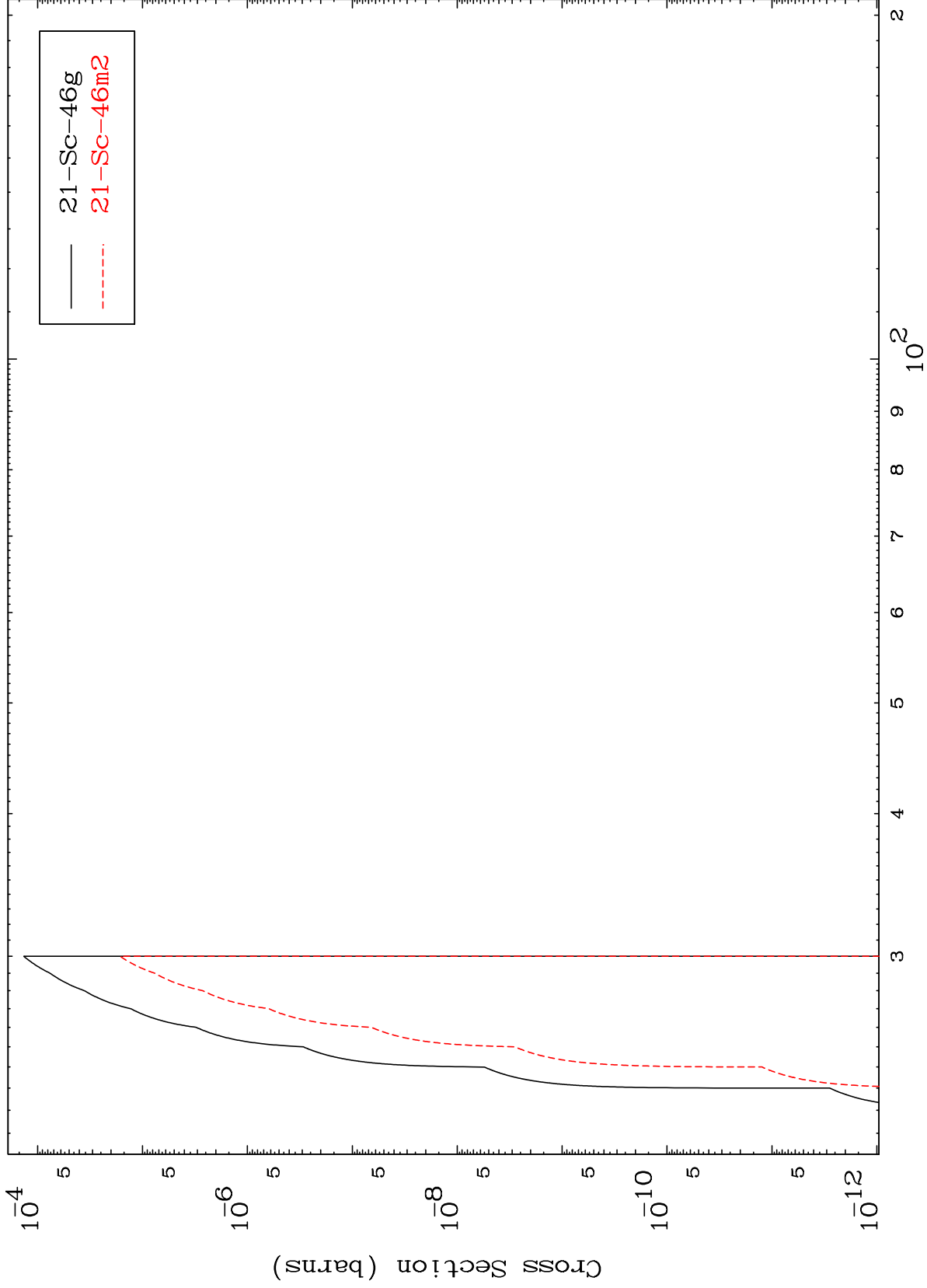
23-V -49

MAT 2322

(n,p) t

23-V -49

Radionuclide Production Cross Section



113

Incident Energy (MeV)

23-V -49